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ABSTRACT

This report is the latest in a series of annual reports to the President and Congress on total Federal obligations (excluding loans) awarded to individual institutions of higher education and selected nonprofit institutions. A major portion of the report focuses on Federal obligations to universities and colleges for research and development, R & D facilities, and science education. Science education is examined in terms of three broad areas of support: fellowships, traineeships, and training grants; general support for science; and facilities and equipment for instruction in science and engineering. Data on Federal funding of nonscience activities are also given to provide a total picture of Federal support of higher education. In addition to analysis by type of activity are analyses and tabulations showing agency sources of support, trend data, field-of-science data, distribution of funds by State, distribution of funds by institution, and distribution of funds by type of control. (Author/MJM)

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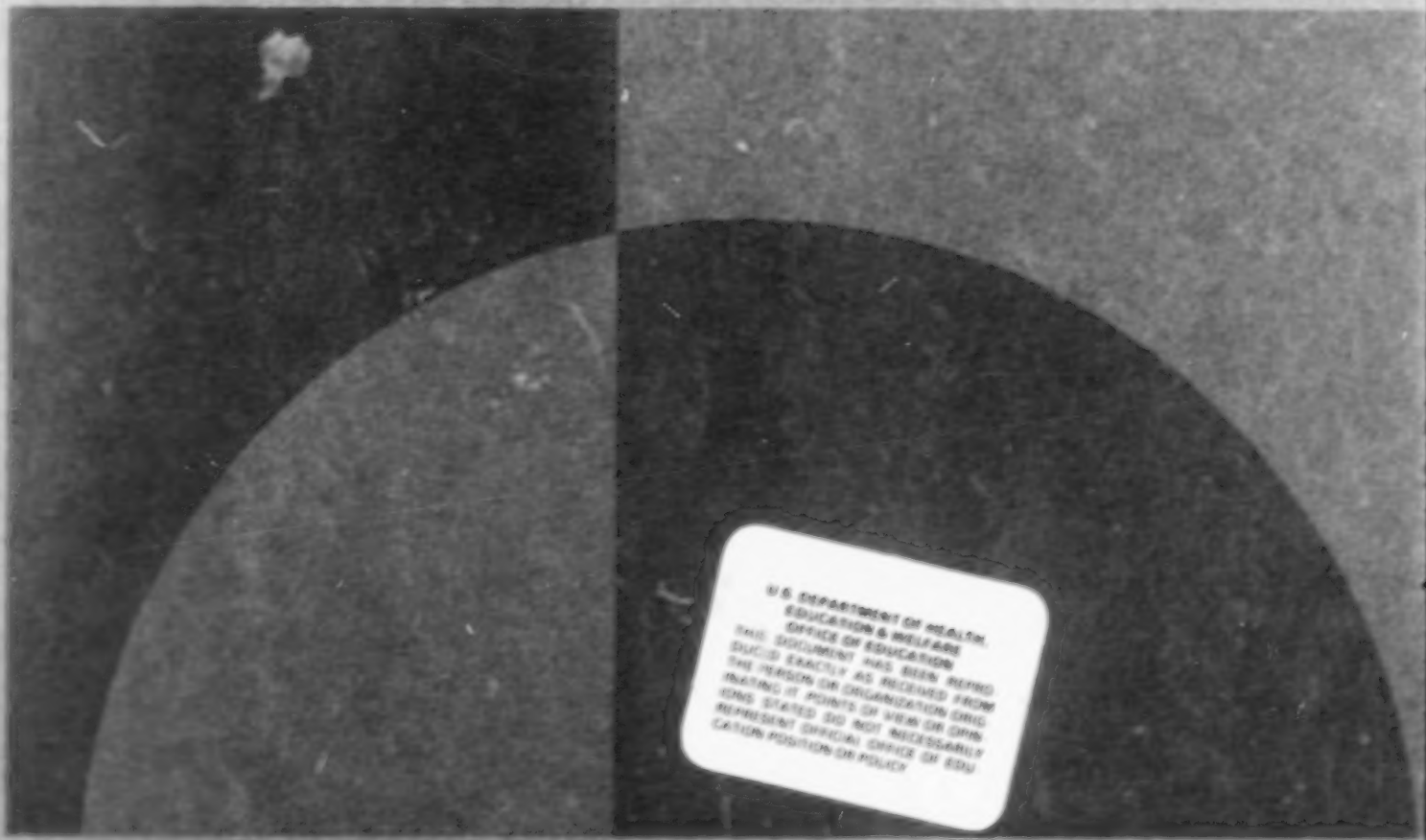
A REPORT TO THE PRESIDENT AND CONGRESS

Federal Support to Universit Colleges, and Selected Non Institutions, Fiscal Year 1971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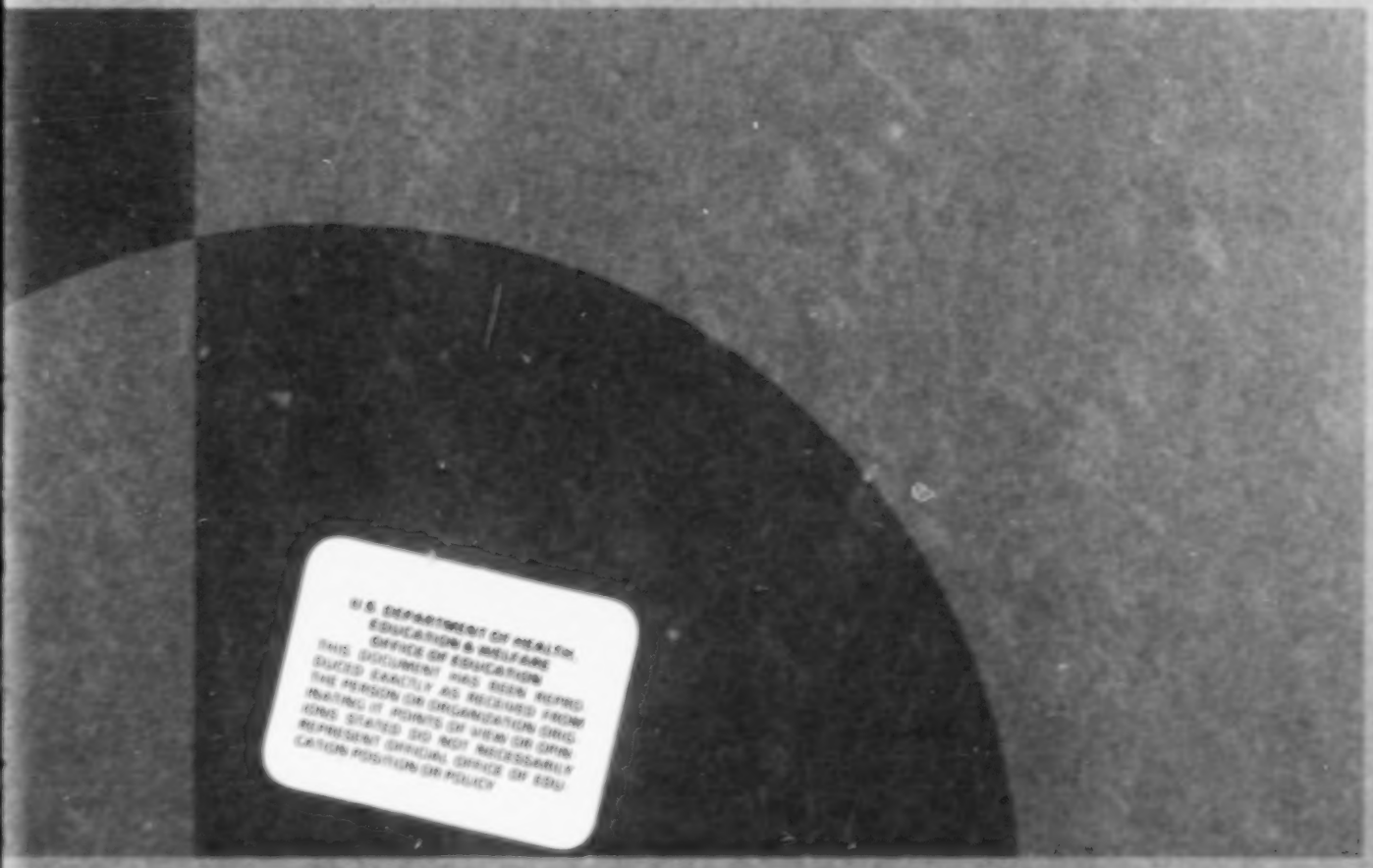
Support to Universities, , and Selected Nonprofit ns, Fiscal Year 1971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Title	NSF No.	Price
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A Price Index for Deflation of Academic R&D Expenditures	72-310	$0.25
Science Resources Studies Highlights, "First-Year, Full-Time Graduate Science Enrollment Continues to Decline"	72-308	.....
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(See inside of back cover for Other Science Resources Publications.)

Laycano, Robert J. and Sale, Suzanne
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National Science Foundation, Washington, D. C.
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Note - 122 pages
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This report is the latest in a series of annual reports to the President and Congress on total Federal obligations (excluding loans) awarded to individual institutions of higher education and selected nonprofit institutions. A major portion of the report focuses on Federal obligations to universities and colleges for research and development, R&D facilities, and science education. Science education is examined in terms of three broad areas of support: fellowships, traineeships, and training grants; general support for science; and facilities and equipment for instruction in science and engineering. Data on Federal funding of nonscience activities are also given to provide a total picture of Federal support of higher education. In addition to analyses by type of activity, included are analyses and tabulations showing (1) agency sources of support; (2) trend data; (3) field of science data; (4) distribution of funds by State; (5) distribution of funds by institution; (6) distribution of funds by type of control.

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A REPORT TO THE PRESIDENT AND CONGRESS

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1971

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LETTER OF TRANSMITTAL

Washington, D.C.

DEAR MR. PRESIDENT:

I have the honor to transmit to you this report, *Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1971* as required by the National Science Foundation Act as amended through August 1968.

Respectfully,

H. GUYFORD STEVER
Director
National Science Foundation.

The Honorable
The President of the United States

Identical letters have been sent to:
The President of the Senate.
The Speaker of the House of Representatives.

general notes

- The Federal obligations in this study were reported by 14 agencies that accounted for more than 95 percent of all Federal support to universities and colleges.
- The Federal obligations shown in this report for the 74 selected nonprofit research institutes and 27 Federally Funded Research and Development Centers (FFRDC's) administered by nonprofit institutions comprised approximately 85 percent of total Federal support to all research institutes and FFRDC's managed by nonprofit institutions.
- Hospitals, professional and technical societies, academies of science, museums, and philanthropic foundations are not included in this study. These types of organizations account for approximately 40 percent of total Federal R&D support to nonprofit institutions other than universities and colleges.
- Federal obligations are reported for the Federal fiscal year, ending June 30 of the year shown.
- Educational data are for the academic year, 1969-70.

acknowledgments

This report was developed in the Statistical
Division of Science Resources Studies, under
Kenneth Sanow, Head. The survey was condu
under the direction of William L. Stewart, S
demic Science Studies Group. The data we
written by Robert Loycano and Suzanne Sale.
preparation of statistical material.

acknowledgments

This report was developed in the Statistical Surveys and Reports Section, Division of Science Resources Studies, under special guidance of the late Kenneth Sanow, Head. The survey was conducted and the report prepared under the direction of William L. Stewart, Study Director, Federal Academic Science Studies Group. The data were compiled and the report written by Robert Loycano and Suzanne Sale. Irene Woodall supervised the preparation of statistical material.

FOREWORD

This report is the fourth in a series of annual reports to the President and Congress on current patterns of Federal funding of research, development, and other science-related activities at universities, colleges, and other nonprofit institutions, as required by the 1968 amendment to the NSF Act of 1950. Funding patterns are examined in terms of specific types of science activities, fields of science, agency sources of support, and geographic and institutional distribution of funds. The source of the information is the Government-wide data system established by the Committee on Academic Science and Engineering (CASE).

We extend our appreciation to staff members of the cooperating agencies, without whose help this compilation would be impossible. The analysis and preparation of the report were carried out by the Division of Science Resources Studies, Thomas J. Mills, Director. The Management Information Office, George Pilarinos, Management Information Officer, was responsible for processing the data.

H. Guyford Stever
Director
National Science Foundation

December 1972

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HIGHLIGHTS

TOTAL FEDERAL OBLIGATIONS

- Total Federal obligations (exclusive of loans) to institutions of higher education increased both in current and constant dollars from 1970-71. The current-dollar volume went up $253 million, or 8 percent, to a record level of $3,480 million. In constant dollars Federal funding increased 2 percent, the first such increase since 1967 (page 2).

- The Department of Health, Education, and Welfare (HEW) increased its share of total Federal funding to institutions of higher education from 64 percent in 1970 to 65 percent in 1971 by virtue of a $212 million increase in agency support (page 3).

- The first 100 universities and colleges in Federal support accounted for more than $2.4 billion during 1971, or 69 percent of Federal funds to all academic institutions (page 5).

- Private universities and colleges receiving Federal support outnumbered public institutions receiving Federal funding 1,242 to 1,126 in fiscal year 1971; public institutions, however, accounted for 61 percent of total Federal obligations, 65 percent of all degrees awarded, and 75 percent of all students enrolled (page 6).

ACADEMIC SCIENCE OBLIGATIONS

- Federal funding of academic science activities was up $148 million, or 7 percent, to a level of $2,336 million. Federal obligations for academic science rose for all major sponsoring agencies except the Department of Defense (DOD) and the Atomic Energy Commission (AEC) (page 7).

- Federal funding of academic R&D activities also increased by 7 percent to $1,544 million. The largest increases came from HEW - $81 million - and the National Science Foundation (NSF) - $16 million (page 9).

- In 1971 life sciences R&D funding amounted to approximately $741 million, or 48 percent of all Federal R&D obligations. HEW accounted for $567 million in life sciences R&D, or 76 percent of total R&D in the life sciences (page 9).

- Fellowship, traineeship, and training grant support, comprising nearly one-fifth of total academic science funding, declined by 2 percent to $421 million in 1971. Of the nine Federal agencies supporting training programs in the sciences and engineering, HEW predominated with 86 percent ($361 million) of the 1971 total (page 13).

- The life sciences received $225 million in fellowship and traineeship support, nearly 3½ times the level of funding for the next ranking field, the social sciences. HEW was the principal source of support in each of the major fields of science (page 14).

- Obligations for general support for scie
tered principally by NSF and the Nat
amounted to $100 million in 1971, vi
(page 19).

FEDERALLY FUNDED RESEARCH A
(FFRDC'S)

- Federal obligations to academically ass
percent to $984 million in 1971. The
tinuing to lead all other agencies in the s
for 64 percent of the Federal total in 19

SELECTED NONPROFIT INSTITUTIONS

- In 1971 Federal R&D obligations to
research institutions amounted to $173
for nearly four-fifths of the Federal to
1971 (page 30).

- Federal support to FFRDC's administe
by 21 percent to $216 million in 197
totaled $158 million in 1971, or 73 perc

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lion in fellowship and traineeship
funding for the next ranking field,
ipal source of support in each of the

- Obligations for general support for science programs, which are administered principally by NSF and the National Institutes of Health (NIH), amounted to $100 million in 1971, virtually the same level as in 1970 (page 19).

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS (FFRDC'S)

- Federal obligations to academically associated FFRDC's increased by 2 percent to $984 million in 1971. The Atomic Energy Commission, continuing to lead all other agencies in the support of such centers, accounted for 64 percent of the Federal total in 1971 (page 22).

SELECTED NONPROFIT INSTITUTIONS

- In 1971 Federal R&D obligations to a selected group of 74 nonprofit research institutions amounted to $173 million. DOD and HEW accounted for nearly four-fifths of the Federal total going to these institutions in 1971 (page 30).

- Federal support to FFRDC's administered by nonprofit institutions fell by 21 percent to $216 million in 1971. DOD obligations to FFRDC's totaled $158 million in 1971, or 73 percent of the Federal total (page 37).

INTRODUCTION

Background

This report constitutes the fourth in a series of annual reports to the President and Congress, authorized by Section 3(a)(7) of the National Science Foundation Act of 1950, as amended in 1968, on Federal obligations for research and development and R&D plant at institutions of higher education and selected other nonprofit organizations. The report also represents the seventh annual report on Federal obligations for academic science and other educational activities. This latter responsibility was undertaken by the National Science Foundation on behalf of the Committee on Academic Science and Engineering (CASE) of the Federal Council for Science and Technology (FCST) which, in 1965, established the data collection system that now serves both reports.

As a report to the President and Congress, this publication contains information on the distribution and pattern of Federal obligations for research and development among the Nation's universities, colleges, associated Federally Funded Research and Development Centers (FFRDC's), and selected other nonprofit institutions. The report provides analyses by geographic locality and institution, including comparisons of the distribution of Federal R&D support with certain educational variables such as the distribution of science degrees awarded.

The FCST's interest extends not only to Federal R&D support to universities, colleges, and associated FFRDC's, but also Federal funds for other academic science and nonscience programs. Emphasis is also placed, therefore, on broader views of Federal involvement in higher education (total and academic science funding) as well as on other (non-R&D) types of Federal support.

Scope and Limitations of Data

Data included in this report for fiscal year 1971 were reported by 14 Federal agencies:

Department of Agriculture (USDA)
Atomic Energy Commission (AEC)
Department of Commerce (Commerce)
Department of Defense (DOD)
Department of Health, Education, and Welfare (HEW)
Department of Housing and Urban Development (HUD)
Office of Economic Opportunity
Environmental Protection Agency
Department of the Interior (Interior)
Agency for International Development
Department of Labor (Labor)
National Aeronautics and Space Administration (NASA)
National Science Foundation (NSF)
Department of Transportation (DOT)

Excluding the Atomic Energy Commission, which reports its costs, dollar amounts represent obligations incurred during a fiscal year, regardless of when funds were appropriated from the responding agencies' budgets. Data on Federal support going to the institutions of higher education in this report includes data on 2,368 universities and colleges and 24 associated FFRDC's. Part II includes data on 1,000 nonprofit organizations and 27 FFRDC's.

Obligations data for university and college R&D activities awarded directly to individuals, such as those awarded for Federal employee training, are excluded from the totals of higher education. This report includes data for those agencies during the Government's fiscal year, July 1 through June 30. The date of award is used as the reporting basis, i.e., the date an award is received by the performing institution; there may not be strict comparability between those reporting agencies and those computed on a fiscal year basis.

Another difference between the agency and institutional totals occurs for institutions with multiple campuses. In instances an agency cannot report obligations to individual institutions receiving the funds because it has made a single award under a systemwide contract with the "Central office." "Central system" totals in this report include obligations to 24 systems in fiscal year 1971. These systems represent less than 1 percent of the total number of institutions of higher education, the undistributed amounts of the allocation to individual institutions of the systems' central office totals can be significant since the R&D activities of a system are understated to the extent that R&D work down to them.

The data collection system was modified substantially for 1971. The system modification was undertaken in order to include additional categories of information and to

[1] A list of the 24 systems receiving such awards is given in technical notes, appendix A, p. 41. Dollar amounts are rounded to the nearest thousand.

[2] See technical notes, page 43, for further discussion.

Office of Economic Opportunity (OEO)
Environmental Protection Agency (EPA)
Department of the Interior (Interior)
Agency for International Development (AID)
Department of Labor (Labor)
National Aeronautics and Space Administration (NASA)
National Science Foundation (NSF)
Department of Transportation (DOT)

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cal year 1971 were reported by 14

(HEW)
nt (HUD)

Excluding the Atomic Energy Commission, which reported in terms of costs, dollar amounts represent actual obligations incurred by the agencies during a fiscal year, regardless of when the funds were expended. Funds from the responding agencies comprised more than 95 percent of all Federal support going to the institutions covered by this study. Part I of this report includes data on 2,368 universities and colleges and 31 academically associated FFRDC's. Part II includes information on 74 selected research performing organizations and 27 FFRDC's managed by nonprofit institutions.

Obligations data for universities and colleges include Federal support awarded directly to individual institutions. Excluded are loans, funds for Federal employee training, and funds obligated to State agencies for support of higher education. This report covers total funds obligated by Federal agencies during the Government's fiscal year, beginning July 1 and ending June 30. The date of award as recorded by a Federal agency may differ from the date an award is received or accepted by an institution. For this reason, there may not be strict comparability between totals reported by Federal agencies and those computed by the institutions themselves.

Another difference between Federal agency and individual institution totals occurs for institutions comprising university systems. In some instances an agency cannot report an award in terms of the individual member institutions receiving the funds and, consequently, must include the entire award under a systemwide entry entitled "central system" or "system office." "Central system" totals in this report amounted to $28 million obligated to 24 systems in fiscal year 1971.[1] Although these total obligations represent less than 1 percent of Federal obligations to all U.S. institutions of higher education, the undistributed obligations may be substantial in relation to individual institutions. The effect on some individual institutional totals can be significant since obligations reported for member institutions of a system are understated to the extent that "central system" obligations work down to them.

The data collection system used to develop this report was revised in 1971. The system modifications resulted in more detailed reporting of data to include additional categories of support and field of science information.[2]

[1] A list of the 24 systems receiving obligations in fiscal year 1971 can be found in the technical notes, appendix A, p. 41. Dollar amounts are shown in appendix tables B-22, B-23, and B-24.

[2] See technical notes, page 43, for further details.

Part I

FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES

Section 1. TOTAL, ACADEMIC SCIENCE, AND R&D ACTIVITIES

This section of the report focuses on three levels of Federal funding: (1) total Federal support; (2) Federal funding of academic science activities; (3) Federal support for academic research and development. Each level of funding is viewed in terms of agency, geographic, and institutional distributions of support in 1971. Emphasis is also placed on any major fluctuations or shifts in yearly funding amounts, particularly from 1970-71.

Total Federal Support

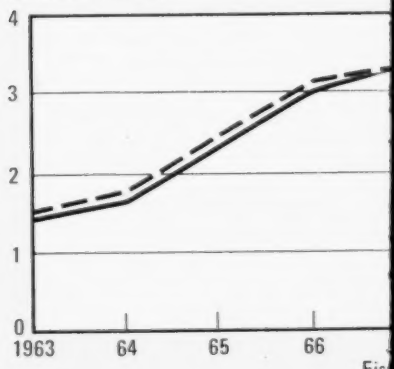
TRENDS

Total Federal obligations (exclusive of loans) to institutions of higher education increased both in current and constant dollars from 1970-71. The current dollar volume went up $253 million, or 8 percent, to a record level of $3,480 million. In constant dollars Federal funding increased 2 percent, the first constant-dollar increase since 1967.

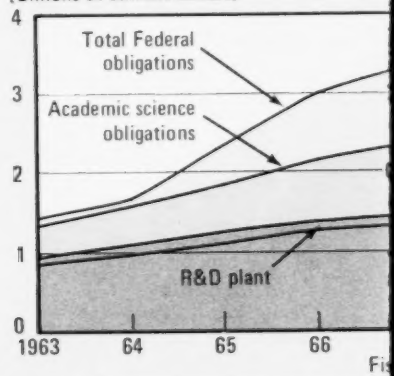
The 1971 upturn in Federal funding (current dollars) of universities and colleges contrasted sharply with the 7-percent decline in 1970 and the relatively stable funding levels from 1967-69. Support for R&D and educational activities was up 7 to 10 percent over 1970 levels. Educational programs classified as "nonscience" activities continued the lead in dollar growth among the major categories of activity. In the last year nonscience funding was up $105 million, or 10 percent—the largest dollar and relative increase among the major categories of support. The 1970-71 gain in nonscience funding raised the share of such funds to 33 percent of the Federal total.

Federal obligations to universities

[Billions of dollars]



[Billions of current dollars] **Growth by t**



Type of program
Total
Academic science
Research and development
R&D plant
Other science
Nonscience activities

SOURCE: National Science Foundation (CAS

EMIC SCIENCE, AND R&D ACTIVITIES

three levels of Fed-
2) Federal funding
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level of funding is
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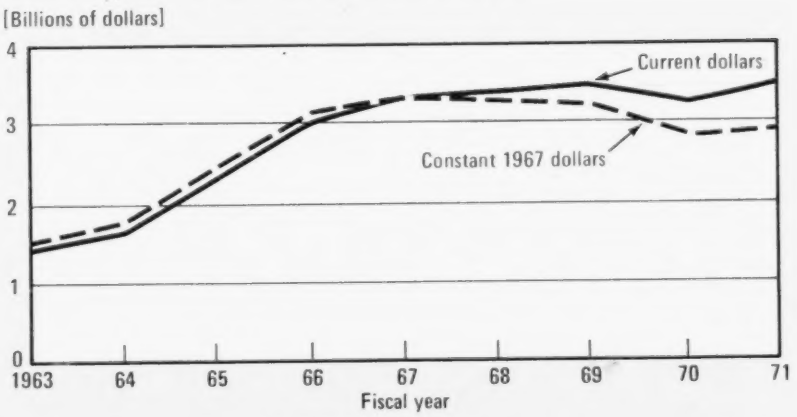
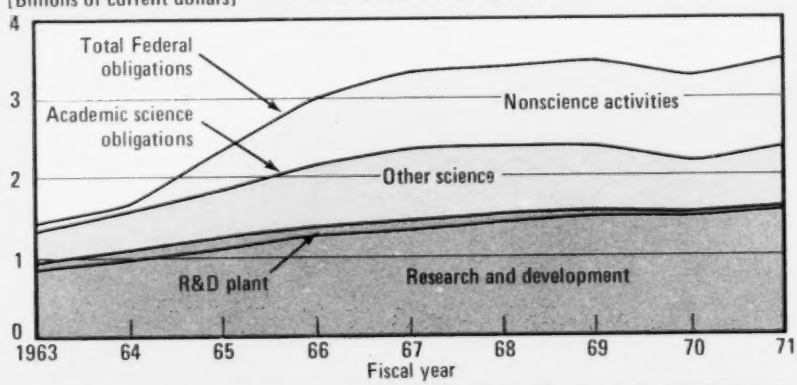
Federal obligations to universities and colleges



Growth by type of program



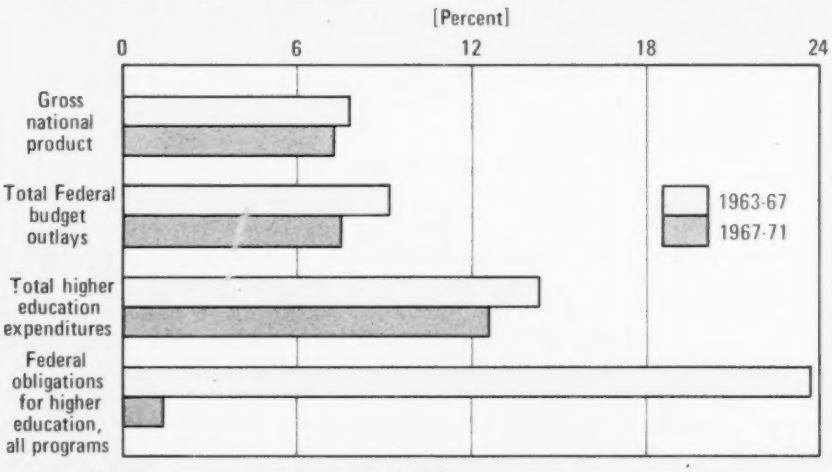
) to institutions of higher ed-
t dollars from 1970-71. The
r 8 percent, to a record level
funding increased 2 percent,

nt dollars) of universities and
decline in 1970 and the rel-
upport for R&D and educa-
1970 levels. Educational pro-
ontinued the lead in dollar
. In the last year nonscience
the largest dollar and relative
rt. The 1970-71 gain in non-
to 33 percent of the Federal

Type of program	Average annual growth (Percent)		Percent change
	1963-67	1967-70	1970-71
Total	+24	− 1	+ 8
Academic science	+15	− 2	+ 7
Research and development	+12	+ 4	+ 7
R&D plant	+ 1	−26	−33
Other science	+23	− 8	+ 9
Nonscience activities	+84	+ 2	+10

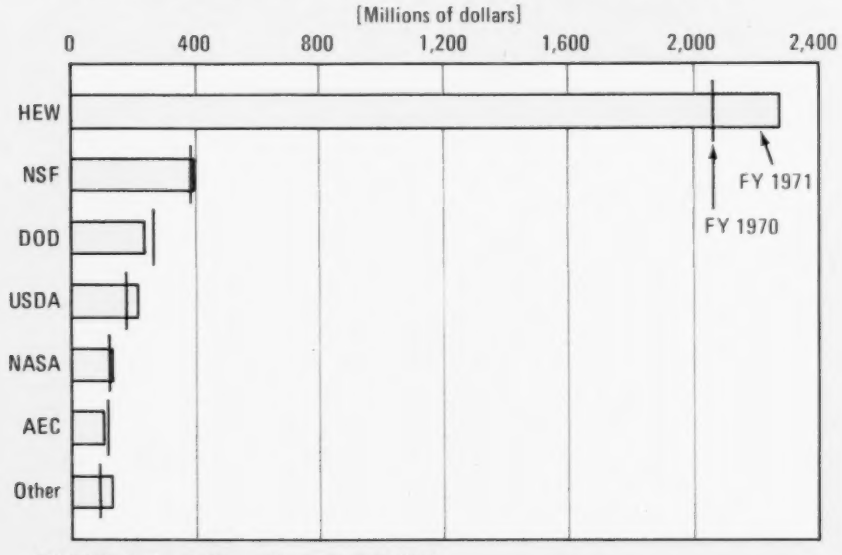
SOURCE: National Science Foundation (CASE).

Average growth of Federal support of higher education compared with other economic variables



SOURCE: National Science Foundation (CASE).

Total Federal obligations to universities and colleges, by agency



SOURCE: National Science Foundation (CASE).

During the first half of the last 8-yea
Federal support to universities and col
as great as the growth rate of gross na
eral budget outlays, and nearly double
expenditures. The rapid rate of growth
sult of the initiation of several new pr
during this period, including the High
and the Higher Education Act of 1965.
ed a reversal of the relationship betwe
funding and growth in other economic
er education activities grew slowly at
GNP, total Federal budget outlays, and
increased at rates of 7.2 percent, 7.5 pe

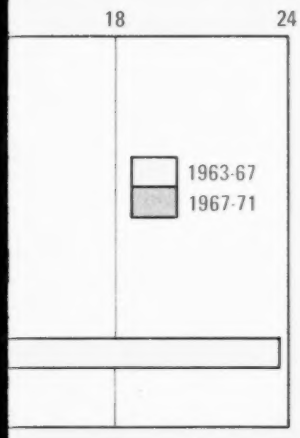
AGENCY DIST

With the exception of the Departme
major funding agencies reflected the le
ernment-wide support levels during the
ever, there was no uniform pattern of
creased by 8 percent; two of the six m
and AEC, posted declines of 9 perce
other agencies, NSF and NASA, regist
percent, respectively. The Federal-wid
traced primarily to a $125 million ris
crease in OE funding, and a $33 mil

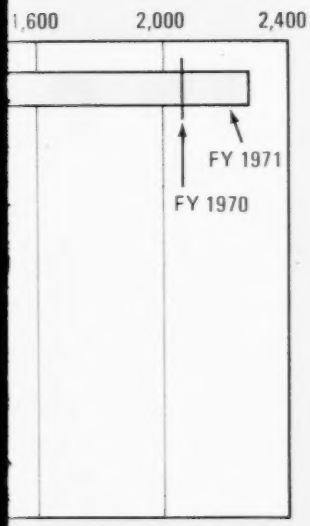
Health professional schools account
funding to universities and colleges in
came from NIH and $197 million came
Health Administration (HSMHA). Med
million in HEW obligations, up $77 m
total. Of this amount, NIH provided
cent) and HSMHA allocated $172 millio

The leading three Institutes of NIH
obligations to universities and college
Medical Sciences—$134 million; the N
$125 million; and the National Cancer
Institutes posted 1970-71 increases o
million (34 percent), respectively, refle
the President and Congress on the figh
heart and lung.

education compared



colleges, by agency



During the first half of the last 8-year period the average annual growth of Federal support to universities and colleges was approximately three times as great as the growth rate of gross national product (GNP) and total Federal budget outlays, and nearly double the growth of total higher education expenditures. The rapid rate of growth of Federal funding was largely a result of the initiation of several new programs called for in legislation passed during this period, including the Higher Education Facilities Act of 1963 and the Higher Education Act of 1965. The latter 4 years, however, witnessed a reversal of the relationship between growth in Federal higher education funding and growth in other economic areas. Federal funding levels for higher education activities grew slowly at an average rate of 1.3 percent while GNP, total Federal budget outlays, and total higher education expenditures increased at rates of 7.2 percent, 7.5 percent, and 12.6 percent, respectively.

AGENCY DISTRIBUTION

With the exception of the Department of Agriculture (USDA), all of the major funding agencies reflected the levelling off, or actual drop, in the Government-wide support levels during the 1967-70 period. For 1970-71, however, there was no uniform pattern of change, although overall funding increased by 8 percent; two of the six major sources of Federal support, DOD and AEC, posted declines of 9 percent and 8 percent, respectively. Two other agencies, NSF and NASA, registered increases of 0.1 percent and 2 percent, respectively. The Federal-wide increase of $253 million may be traced primarily to a $125 million rise in NIH support, an $83 million increase in OE funding, and a $33 million increase in USDA obligations.

Health professional schools accounted for just over $1.1 billion in HEW funding to universities and colleges in 1971. Of this amount $885 million came from NIH and $197 million came from the Health Services and Mental Health Administration (HSMHA). Medical schools received a total of $868 million in HEW obligations, up $77 million, or 10 percent, over the 1970 total. Of this amount, NIH provided $679 million (an increase of 13 percent) and HSMHA allocated $172 million.

The leading three Institutes of NIH accounted for $351 million in 1971 obligations to universities and colleges: the National Institute of General Medical Sciences—$134 million; the National Heart and Lung Institute—$125 million; and the National Cancer Institute—$92 million. The latter two Institutes posted 1970-71 increases of $27 million (27 percent) and $23 million (34 percent), respectively, reflecting the recent emphasis placed by the President and Congress on the fight against cancer and diseases of the heart and lung.

GEOGRAPHIC DISTRIBUTION

The East North Central Division dropped from first to third in receipt of Federal funds to universities and colleges and was the only division that received less funding in 1971 than in 1970.

Geographic division	Percent change 1970-71
Middle Atlantic	8.5
Pacific	9.5
East North Central	−4.2
South Atlantic	2.5
New England	.9
West North Central	31.8
West South Central	20.0
East South Central	18.0
Mountain	7.8

The decline was attributable to a $40 million drop in Ohio's total. Ninety percent of the Ohio decrease, however, resulted directly from the return to a more typical funding level for the University of Cincinnati which, in 1970, received a grant of $35 million for construction and improvement of medical school facilities.

Four other States showed lower totals in 1971 than in 1970—Florida, $19 million; Massachusetts, $13 million; Virginia, $6 million; and Washington, $0.7 million. Of the five States posting lower 1971 totals, four were located in the eastern part of the Nation.

Universities and colleges located in the four western divisions have been receiving an increasing share of total Federal obligations over the past several years. The trend continued in 1971: the combined proportion of the Federal total went up from 35 percent in 1970 to 38 percent in 1971. The combined 1970-71 growth for academic institutions in the four western divisions was nearly five times the combined growth for institutions in the eastern States. The shifting geographic distribution of funds was reflected in the increase in the number of leading recipient institutions located in western States - from 35 out of 100 institutions receiving the largest Federal funding in 1970 to 39 in 1971. The West North Central and West South Central States each placed two more institutions among the first 100 recipients. Institutions in these divisions also received the largest relative increases among all divisions - 32 percent and 20 percent, respectively.

The District of Columbia joined
recipients of Federal obligations in 19
received and total academic degrees a
sum for the first 10 States would i
California, Massachusetts, Michigan,
showed considerable variance - more
relative level of funds received and rel

Universities and colleges in two of
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funds received for these two States,
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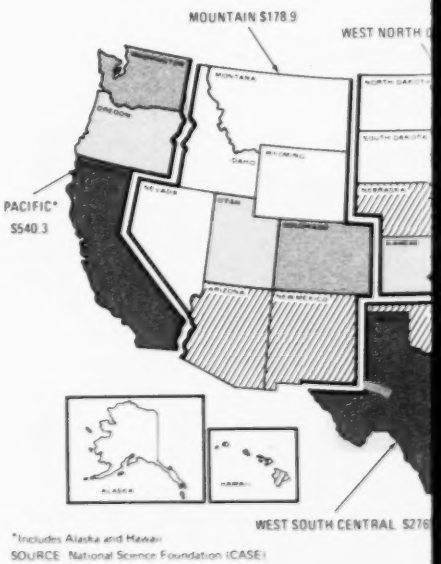
[1] The State distribution of R&D funding, hov
graphic distribution of Ph.D. degrees awarded in

**Geographic distribution of tota
and colleges, FY 1971**



*Includes Alaska and Hawaii
SOURCE: National Science Foundation (CASE)

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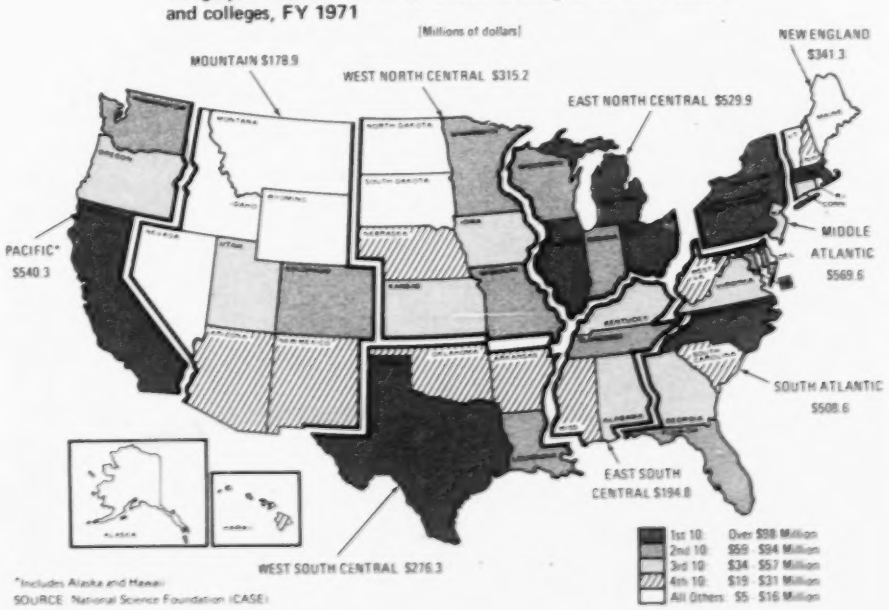
The District of Columbia joined with 9 States in becoming the leading recipients of Federal obligations in 1971. The correlation of total obligations received and total academic degrees awarded in all fields is not as close as the sum for the first 10 States would indicate - 54 percent versus 51 percent. California, Massachusetts, Michigan, Ohio, and the District of Columbia all showed considerable variance - more than 1 percentage point - between the relative level of funds received and relative level of degrees awarded.

Universities and colleges in two of these States, California and Massachusetts, accounted for 13 percent of all degrees conferred by U.S. academic institutions, and 18 percent of Federal funding to all U.S. institutions. In looking at the divergence between relative numbers of degrees awarded and funds received for these two States, it should be noted that a large proportion of total Federal funding to academic institutions in these States goes into R&D support, which shows little correlation with total number of degrees awarded.[1] In 1971 Federal R&D funding levels at academic institutions in California and Massachusetts were 58 percent and 69 percent, respectively, of total Federal funds compared to 41 percent for institutions throughout the remainder of the United States.

[1] The State distribution of R&D funding, however, does not show close correlation with the geographic distribution of Ph.D. degrees awarded in the sciences and engineering.

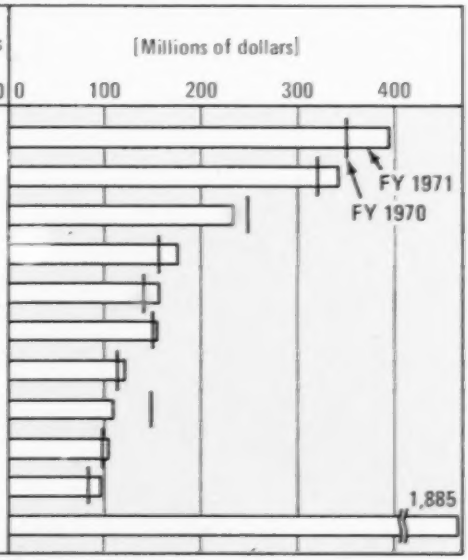
Geographic distribution of total Federal obligations to universities and colleges, FY 1971



*Includes Alaska and Hawaii
SOURCE: National Science Foundation (CASE)

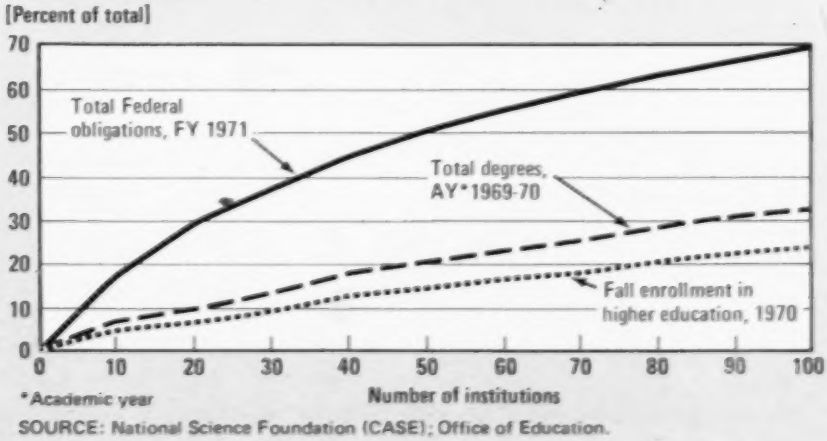
Total Federal obligations to universities and colleges in the 10 States receiving the largest amounts compared to total degrees awarded

State	Percent of total obligations FY 1971	Percent of total degrees awarded AY*1969-70
California	11.3	8.8
New York	9.8	9.5
Massachusetts	6.7	4.1
Pennsylvania	5.0	5.8
Texas	4.5	4.9
Illinois	4.4	5.2
Michigan	3.5	4.7
Ohio	3.2	5.0
North Carolina	3.0	2.2
District of Columbia	2.8	1.1
Total, 10 States	54.2	51.2



*Academic year
SOURCE: National Science Foundation (CASE).

Distribution of total Federal obligations to the 100 universities and colleges receiving the largest amounts compared to selected educational data



SOURCE: National Science Foundation (CASE); Office of Education.

INSTITUTIONAL DIS

Funding concentration increased from 19
95 universities with funds exceeding $10 m
of Federal support to all institutions of high
83 universities in the $10 million category
total Federal support. Institutions receiving
in Federal funding decreased from 1,873 i
share of total Federal funding also declined

**Number of universities and co
Federal obligations ranked by
program, fiscal year**

[Dollars in thousa

Size of Federal program	Total obligations Amount	di
Total	$3,452,134[a]	
$10 million or more	2,357,069	
$5 million to $9.9 million	343,810	
$1 million to $4.9 million	367,628	
$500,000 to $999,000	158,334	
$100,000 to $499,000	183,027	
Less than $100,000	42,266	

[a]Does not include $28,016,000 reported under central of
these funds could not be tabulated for individual membe
from this table.
SOURCE: National Science Foundation (CASE).

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degrees awarded for the States reflect simil
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cent of all degrees and enrolled only 4.0
widens steadily for each group of 10 insti
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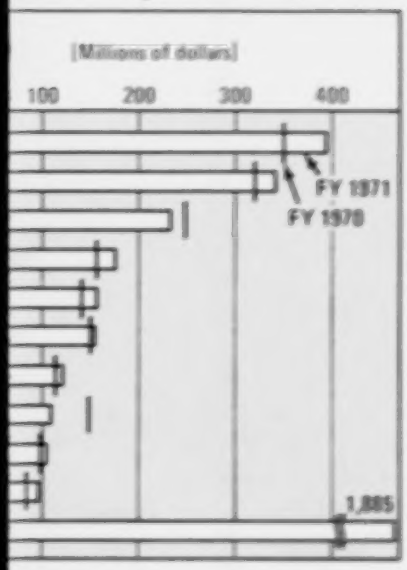
to total degrees awarded



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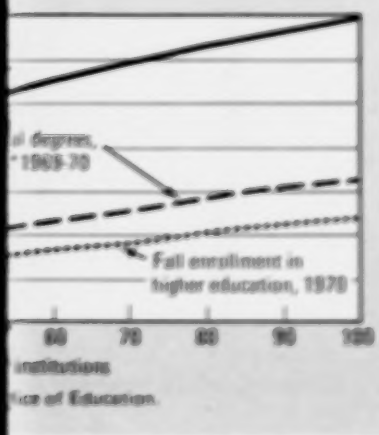

institutions
ce of Education.

INSTITUTIONAL DISTRIBUTION

Funding concentration increased from 1970 to 1971. In 1971 there were 95 universities with funds exceeding $10 million, accounting for 68 percent of Federal support to all institutions of higher education; in 1970 there were 83 universities in the $10 million category and they received 67 percent of total Federal support. Institutions receiving less than one-half million dollars in Federal funding decreased from 1,873 in 1970 to 1,828 in 1971. Their share of total Federal funding also declined from 6.8 percent to 6.5 percent.

Number of universities and colleges receiving Federal obligations ranked by size of Federal program, fiscal year 1971

[Dollars in thousands]

	Total obligations		Institutions	
Size of Federal program	Amount	Percent distribution	Number	Percent distribution
Total	$3,452,136[a]	100.0	2,368	100.0
$10 million or more	2,357,069	68.3	95	4.0
$5 million to $9.9 million	343,819	10.0	47	2.0
$1 million to $4.9 million	367,628	10.7	174	7.3
$500,000 to $999,000	158,334	4.6	224	9.5
$100,000 to $499,000	183,027	5.3	800	33.8
Less than $100,000	42,266	1.2	1,028	43.4

[a]Does not include $26,010,000 reported under central offices of university systems (central systems); these funds could not be tabulated for individual member institutions and, therefore, were excluded from this table.

SOURCE: National Science Foundation (CASE).

The substantial variance between the proportion of funds received and degrees awarded for the States reflect similar differences in the institutions. The accompanying chart shows that the first 10 institutions in total funding received 17.4 percent of all Federal obligations, but awarded only 6.1 percent of all degrees and enrolled only 4.0 percent of all students. The gap widens steadily for each group of 10 institutions comprising the first 100 institutions in total funding. Totals for the first 100 institutions showed 69.1 percent of Federal obligations, 32.6 percent of degrees awarded, and 23.6 percent of students enrolled.

CONTROL OF INSTITUTION

During the 1960's enrollment in publicly controlled institutions grew at a rate approximately 3 times that of enrollment in privately controlled institutions. The increasing role of public institutions is evidenced by the following:

(1) Although private universities and colleges receiving Federal support outnumbered public institutions 1,242 to 1,126 in 1971, public institutions accounted for 61 percent of total Federal obligations, 65 percent of total degrees[2] awarded, and 75 percent of student enrollment.

(2) The median level of Federal funding for private institutions was approximately one-half that of public institutions in 1971 - $94 thousand versus $180 thousand.

(3) The leading 100 academic institutions in total Federal obligations in 1971 were composed of 64 public and 36 private institutions.

(4) Between 1970 and 1971 the number of federally supported public institutions rose by 23 while the number of federally supported private institutions declined by five.

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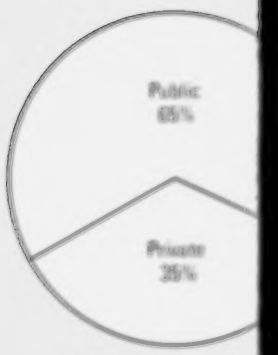
[2] Bachelor's degrees or higher.

Federal obligations to univer
degrees awarded and total e

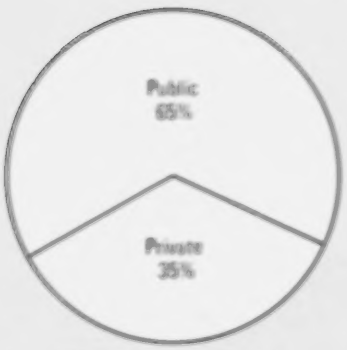


Total degrees award
AY* 1969-70

*Academic year
SOURCE: National Science Foundat

Federal obligations to universities and colleges compared to total degrees awarded and total enrollment, by type of control

Total Federal obligations, FY 1971



Total degrees awarded, AY* 1969-70

Total enrollment, fall 1970

*Academic year

SOURCE: National Science Foundation (CASE); Office of Education.

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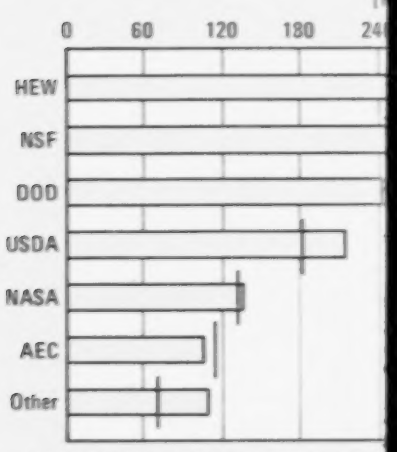
Academic Science Support

Federal obligations for academic science rose for all major sponsoring agencies except DOD and AEC. HEW and USDA accounted for more than 90 percent of the total increase of $148 million. Figuring prominently in this increase were NIH programs and USDA's cooperative extension program funded through the Smith-Lever Act.

Academic science obligations are more concentrated by geographic area than are total Federal obligations. The 10 States receiving the largest amounts of Federal academic science funds accounted for 59 percent of all Federal academic science funds; the first 10 States in total Federal obligations received 54 percent of total funding. As in the case of total funding there was considerable variance between relative levels of funding and relative levels of science and engineering (S&E) degrees awarded for certain States: on the one hand, the shares of Federal academic science obligations received by Massachusetts and Maryland were nearly twice the proportion of S&E degrees awarded, while the share of academic science obligations allocated to institutions in Ohio was only two-thirds the proportion of S&E degrees awarded by Ohio schools. Still, eight of the first 10 States in terms of S&E degrees awarded were among the first 10 States in Federal academic science funding.

Federal obligations for academic



SOURCE: National Science Foundation

Federal obligations for academ the largest amounts compared degrees awarded

State	Percent of obligations FY 1971	Percent of S&E degrees AY*1969-70
California	13.1	10.5
New York	10.8	9.9
Massachusetts	8.6	4.4
Pennsylvania	5.0	6.2
Illinois	4.9	5.1
Texas	4.3	4.6
Michigan	3.7	4.4
North Carolina	3.2	2.2
Ohio	3.1	4.6
Maryland	2.7	1.4
Total, 10 States	59.3	53.4

*Academic year
SOURCE: National Science Foundation

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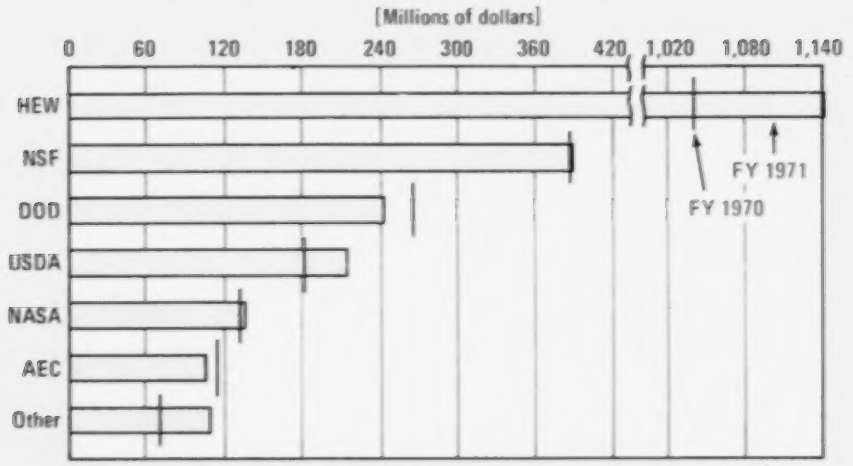
Still, eight of the first 10 States in terms
ng the first 10 States in Federal academic

Federal obligations for academic science, by agency



SOURCE: National Science Foundation (CASE).

Federal obligations for academic science in the 10 States receiving the largest amounts compared with science and engineering degrees awarded

State	Percent of obligations FY 1971	Percent of S&E degrees AY*1969-70
California	13.1	10.5
New York	10.8	9.9
Massachusetts	8.6	4.4
Pennsylvania	5.0	6.2
Illinois	4.9	5.1
Texas	4.3	4.6
Michigan	3.7	4.4
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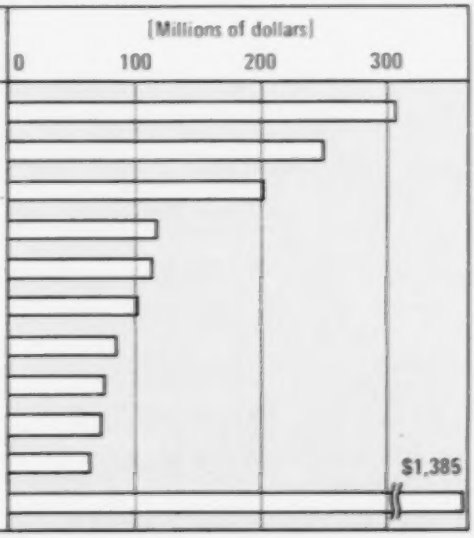
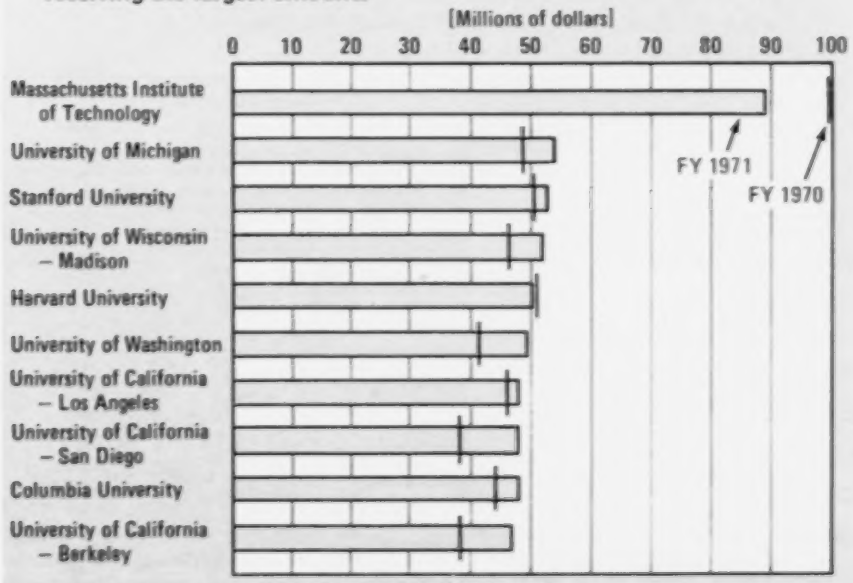


*Academic year
SOURCE: National Science Foundation (CASE); Office of Education.

The extent of concentration of academic science funding in 1971 among the first 10 and first 100 institutions remained unchanged from the previous year. The first 10 accounted for 23 percent of total funds for academic science while the first 100 received 82 percent of the Federal academic science total.

The 1970-71 percent change for the individual universities comprising the first 10 recipients varied considerably. Two Massachusetts institutions, Massachusetts Institute of Technology and Harvard University, declined 11 percent and 1 percent, respectively, while two California institutions, the University of California - San Diego and University of California - Berkeley, showed gains of 26 percent and 23 percent, respectively.

Federal obligations for academic science to the 10 universities receiving the largest amounts



SOURCE: National Science Foundation (CASE).

R&D Support

Federal R&D funding to univ
one-tenth of total Federal R&D s
to $1,544 million in 1971. This is
cent higher than in 1969. The lar
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agencies, $17 million was reported
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FIELD

In 1971 research and develop
approximately $741 million, or 4
HEW provided $567 million for
ences, or 76 percent of total acad
Physical sciences R&D obligation
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Engineering ($160 million) and
together accounted for nearly on
engineering R&D obligations wit
NSF was first in environmental sci

Social sciences R&D funds an
half came from two agencies, HE
porting academic research in the
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(AID), and Labor.

Principal financers of research a
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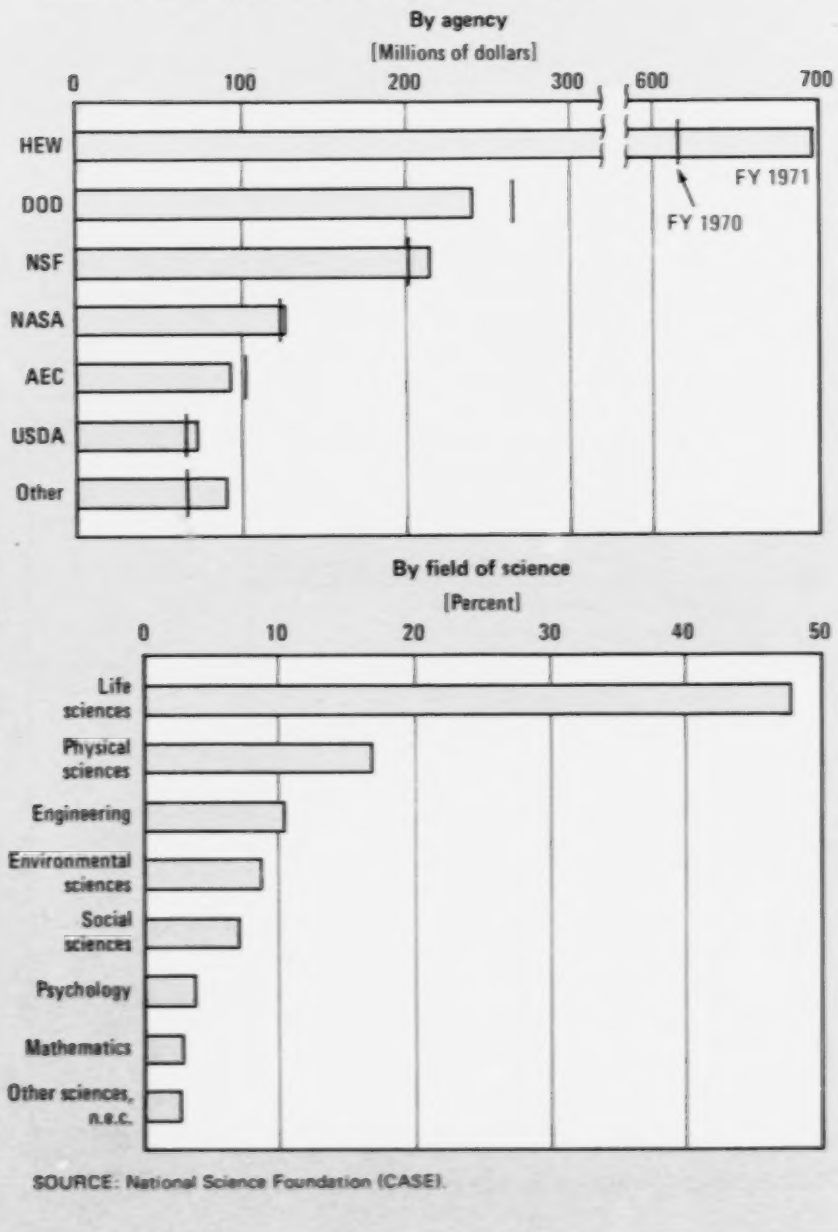
Federal R&D obligations to universities and colleges



SOURCE: National Science Foundation (CASE).

R&D Support

Federal R&D funding to universities and colleges, representing about one-tenth of total Federal R&D support to all R&D performers, amounted to $1,544 million in 1971. This is 7 percent more than in 1970 and 5 percent higher than in 1969. The largest increases came from HEW - $81 million - and NSF - $16 million. Of the $22 million increase shown for "other" agencies, $17 million was reported by the newly established Enrivonmental Protection Agency (EPA). Much of EPA's total for 1971 consisted of funds for programs transferred from other Federal agencies. The most significant decrease was the $24 million decline reported by DOD.

FIELD OF SCIENCE

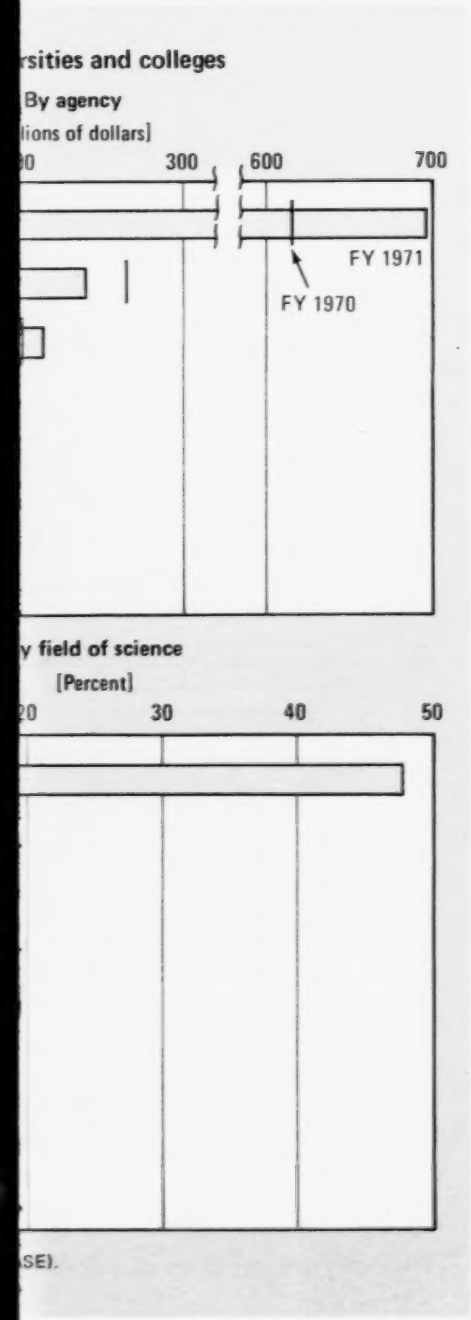
In 1971 research and development in the life sciences accounted for approximately $741 million, or 48 percent of all Federal R&D obligations. HEW provided $567 million for research and development in the life sciences, or 76 percent of total academic R&D obligations in the life sciences. Physical sciences R&D obligations accounted for $263 million of which DOD, AEC, NSF, and NASA contributed 88 percent.

Engineering ($160 million) and the environmental sciences ($134 million) together accounted for nearly one-fifth of total R&D funding. DOD led in engineering R&D obligations with 46 percent of the Federal total, while NSF was first in environmental sciences R&D with 33 percent of the total.

Social sciences R&D funds amounted to $106 million. More than one-half came from two agencies, HEW and NSF. Other agencies actively supporting academic research in the social sciences include USDA, Office of Economic Opportunity (OEO), Agency for International Development (AID), and Labor.

Principal financers of research and development in psychology were HEW, DOD, and NSF, which together accounted for more than nine-tenths of the Federal total of $57 million.

The smallest of the major fields, in terms of Federal R&D support, was mathematics with $41 million. Primary contributors were NSF, DOD, and HEW, accounting for nearly nine-tenths of all Federal obligations.



Increases in the share of total R&D support between 1970 and 1971 may be noted in life sciences, environmental sciences, and social sciences.[3] The social sciences experienced the greatest relative growth as a result of sizable increases reported by HEW, USDA, DOD, and NSF. In addition, AID and the Department of Labor, which were not included in the 1970 data, contributed a total of $12 million in social science R&D.

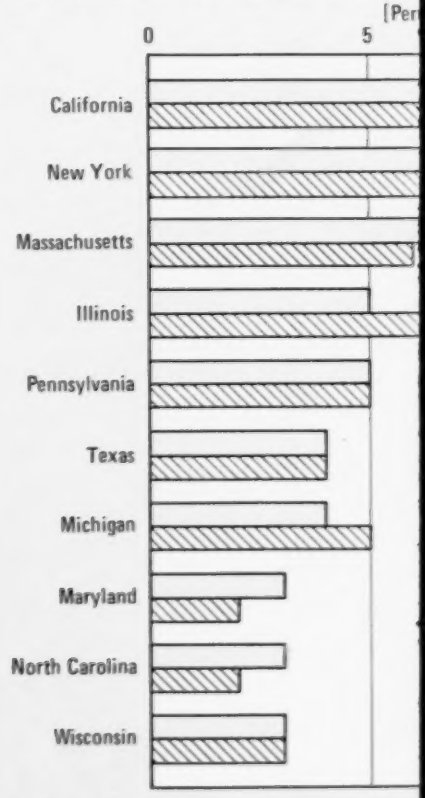
The most significant decline in R&D funding occurred in the physical sciences. The overall level of Federal support dropped by approximately $26 million. Within the physical sciences, physics support declined by an estimated $21 million.

[3]Some shifting occurred between 1970 and 1971 in the classification of program funds among fields of science, especially funds reported in 1970 under "other sciences, n.e.c." Furthermore, the 1970-71 field of science distributions include estimates involving 41 percent of DOD's 1970 R&D total and 9 percent of HEW's 1971 R&D amount. For these reasons, precise measurement of changes in funding levels between the 2 years is not possible.

GEOGRAPHIC DISTRIBUTION

There has been little change in the State distribution of academic R&D obligations between 1970 and 1971. Except for the addition of Wisconsin and deletion of Ohio, the 10 leading States remained the same. The concentration of R&D support also remained at nearly the same level over the last 2 years; between 46 percent and 47 percent of all R&D obligations went to the first five States and 63 percent of total R&D obligations went to the leading 10 States.

Federal R&D obligations to univers receiving the largest amounts compa in the sciences and engineering



*Academic year

SOURCE: National Science Foundation (CAS

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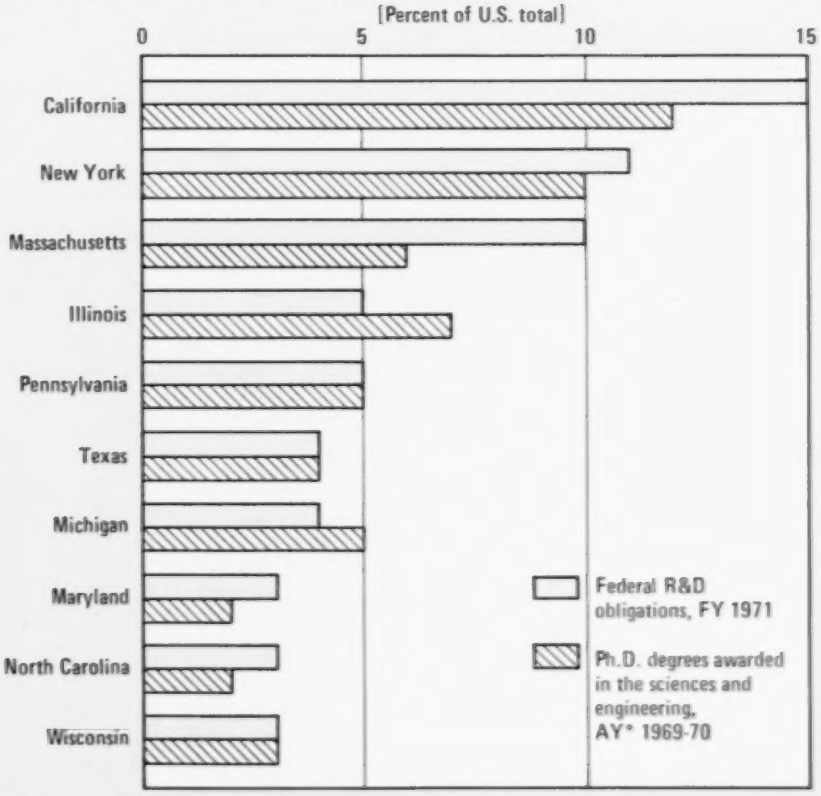
Federal R&D obligations to universities and colleges in the 10 States receiving the largest amounts compared to Ph.D. degrees awarded in the sciences and engineering



*Academic year

SOURCE: National Science Foundation (CASE); Office of Education.

INSTITUTIONAL DISTRIBUTION

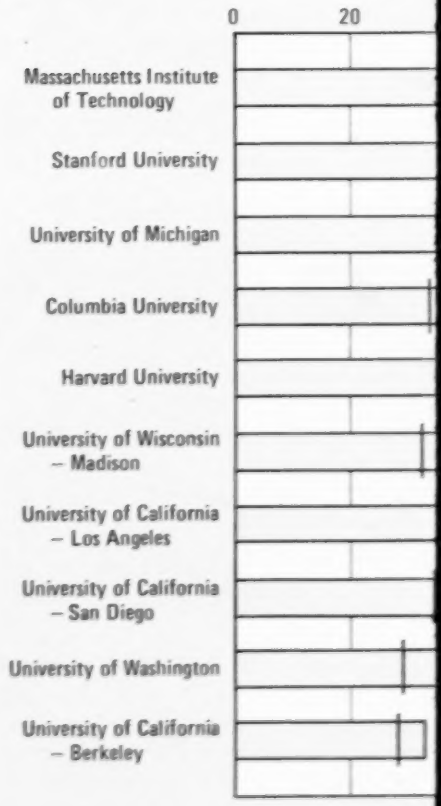
The leading 10 institutions in R&D funding received $418 million, or 27 percent of all Federal academic R&D obligations in 1971. These institutions represent less than 2 percent of all recipients of Federal academic R&D support and less than one-half of 1 percent of all universities and colleges. They also account for one-fifth of all Ph.D. degrees awarded in the sciences and engineering.

These 10 institutions received nearly one-half of NASA's academic R&D support, nearly one-third of DOD's R&D obligations, and from 23 percent to 29 percent of total R&D support from three other major funding agencies - HEW, NSF, and AEC.

There were some notable shifts from 1970 to 1971 in the relative amount of Defense research performed at individual institutions. The major decline in DOD support was a $17 million decrease in obligations to the Massachusetts Institute of Technology. This decline was of sufficient proportion to have the effect of reducing the Defense share of the university's total Federal R&D funding from nearly one-half in 1970 to one-third in 1971. Other leading institutions such as Stanford University, Columbia University, and the University of California at Los Angeles showed increases in their overall levels of R&D support but experienced declines in excess of $1 million in DOD funding.

The distribution of R&D obligations among the leading universities and colleges followed nearly the same pattern in 1971 as in 1970. The first 10 institutions received a slightly lower share of the total: 27 percent in 1971 versus 28 percent in 1970. The first 100 institutions accounted for 86 percent of all R&D obligations in each of the 2 years. The concentration of R&D funding among the leading academic recipients has declined since 1963. The share of the R&D total for the first 10 institutions in each of the years 1963, 1967, and 1971, declined from 34 percent to 29 percent to 27 percent, respectively. For the first 100 institutions a similar trend is noted - 90 percent in 1963, 88 percent in 1967, and 86 percent in 1971.

Federal R&D obligations to the 10 u the largest amounts



SOURCE: National Science Foundation (CASE).

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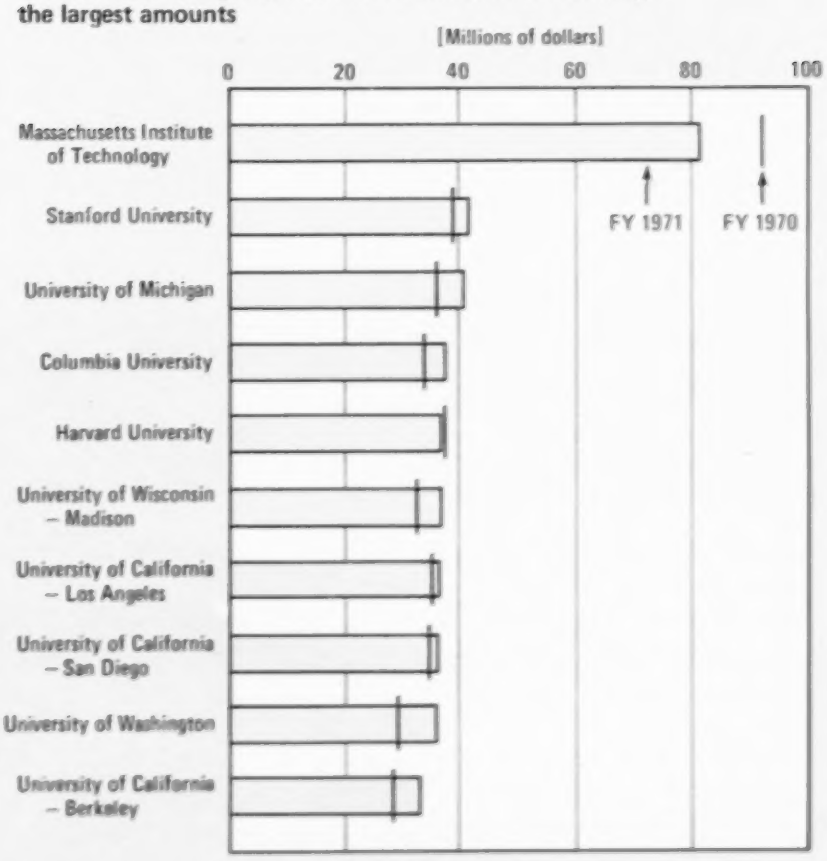
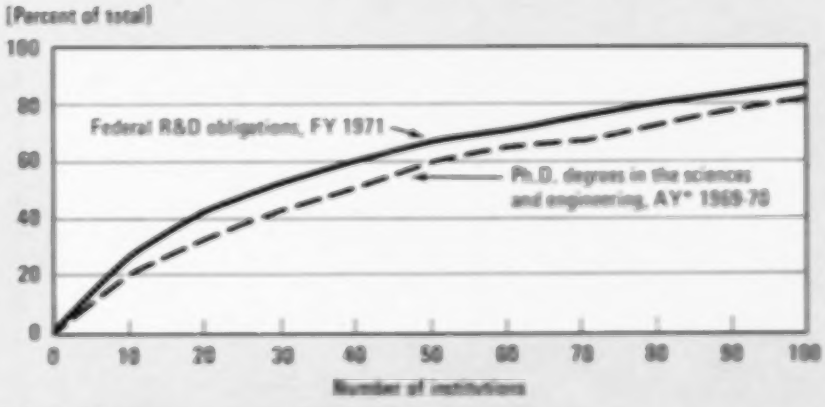
Federal R&D obligations to the 10 universities receiving the largest amounts



SOURCE: National Science Foundation (CASE).

For 1970 and 1971 the share of Ph.D. degrees awarded in the sciences and engineering by the leading R&D institutions remained at the same level for the first 10 universities but showed a slight drop for the first 100 institutions - from 86 percent to 82 percent. Ph.D. degrees awarded in science and engineering by institutions other than the 100 leading R&D universities increased 60 percent between academic years 1968 and 1970. This rapid growth accounted for the relative decline of Ph.D. awards by the leading R&D universities.

Distribution of Federal R&D obligations to the 100 universities and colleges receiving the largest amounts compared to Ph.D. degrees awarded in the sciences and engineering



*Academic year
SOURCE: National Science Foundation (CASE).

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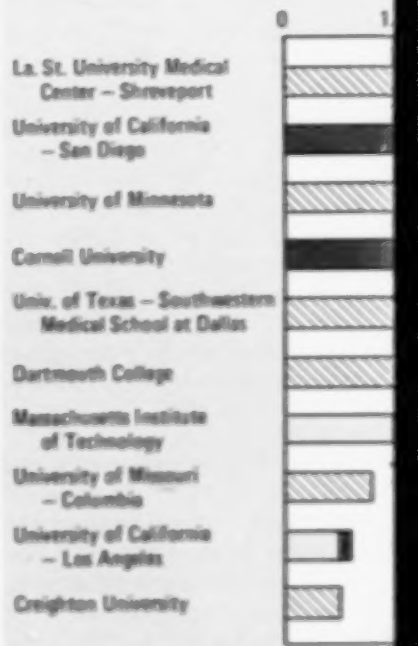
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La. St. University Medical Center – Shreveport
University of California – San Diego
University of Minnesota
Cornell University
Univ. of Texas – Southwestern Medical School at Dallas
Dartmouth College
Massachusetts Institute of Technology
University of Missouri – Columbia
University of California – Los Angeles
Creighton University

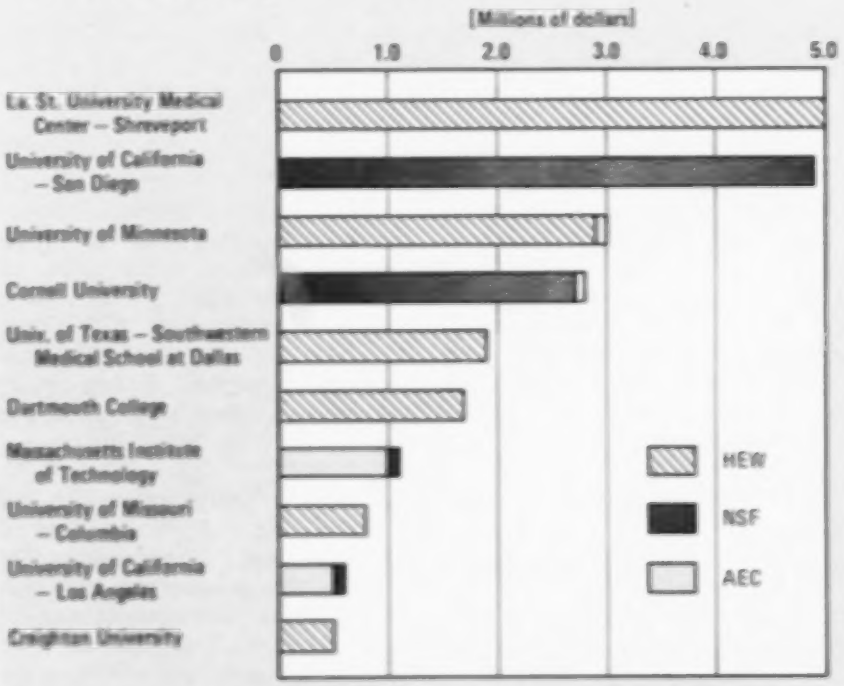
SOURCE: National Science Foundation

R&D PLANT

In 1971 Federal funding to universities and colleges for R&D plant declined by $15 million to $30 million, continuing the downward trend which began in 1965. Part of the $14.8 million decline reported in 1971 is attributable to the fact that some R&D plant funding is included under one or more of the other recently added reporting categories such as "facilities and equipment for instruction in science and engineering."

The agency breakdown of R&D plant support for 1971 was as follows: HEW (NIH) - $15.2 million; NSF - $9.7 million; AEC - $4.8 million; NASA - $0.2 million. Ten institutions received $22.2 million, or 74 percent of total R&D plant support from Federal agencies.

Federal obligations for R&D plant to the 10 universities and colleges receiving the largest amounts, FY 1971



SOURCE: National Science Foundation (CASE).

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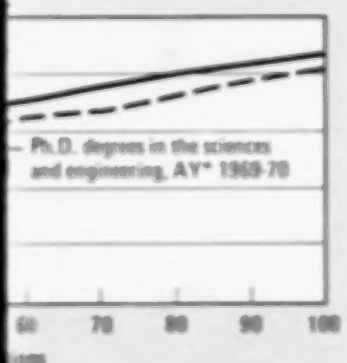

Section 2. SCIENCE EDUCATION ACTIVITIES

Science education encompasses a broad spectrum of activities which range from categorical activities such as (1) the training of individuals through fellowship and traineeship programs; (2) the improvement of science instruction at all educational levels by upgrading materials, curriculums, methods of teaching, and teacher education; and (3) the provision of modern instructional facilities and equipment; to the more comprehensive and flexible general support programs which are designed to improve overall institutional capabilities in science education and research. Moreover, research conducted in the Nation's universities and colleges is in itself an integral part of the science education process in that it is a major source of new and innovative ideas and, at the same time, it provides training experience for future scientists and engineers.

This section of the report deals with those science education activities that are classified separately in the CASE reporting system. These include: fellowships, traineeships, and training grants; general support for science; and facilities and equipment for instruction in science and engineering.

Fellowships, Traineeships, and Training Grants

In 1971 Federal funds for the direct support of individuals through fellowships, traineeships, and other training programs amounted to $421 million, comprising 18 percent of the 1971 academic science total. The 1971 level of support for these programs represents a decline of 3 percent since 1969, the first year in which CASE collected funding data on such direct support. While these training activities principally support individuals engaged in graduate training or study, the total includes funds for training activities from the precollege through the postdoctoral levels.

AGENCY DISTRIBUTION

Although nine Federal agencies reported obligations for fellowships, traineeships, and other training grants in 1971, only three agencies HEW, NSF, and EPA, funded these activities to a significant extent with 1971 totals of $361 million, $42 million, and $10 million, respectively.

The other six agencies sponsoring training programs in the sciences and engineering together accounted for less than 2 percent of the 1971 total. Three of the six agencies awarded more than $1 million in 1971. These were the Department of Transportation with obligations of $3 million, and ministration with $1 million.

The Department of Health, Ed predominant supporter of manpo 1971 fellowship and traineeship t the $361 million in HEW obligati port of the medical and health-re National Institutes of Health. Of t 72 percent was allocated to trainin

Other components within HEW tion's scientific training support. I tal Health Administration granted fellowships and traineeships; the Social and Rehabilitation Service, obligated by the Food and Drug A

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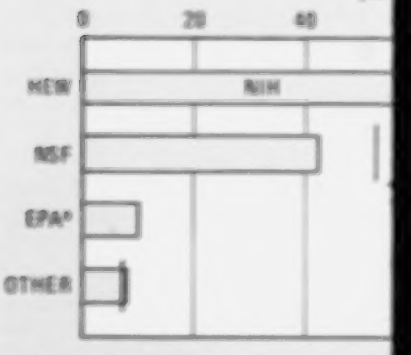

*Established in FY 1971.
SOURCE: National Science Foundation

EDUCATION ACTIVITIES

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STRIBUTION

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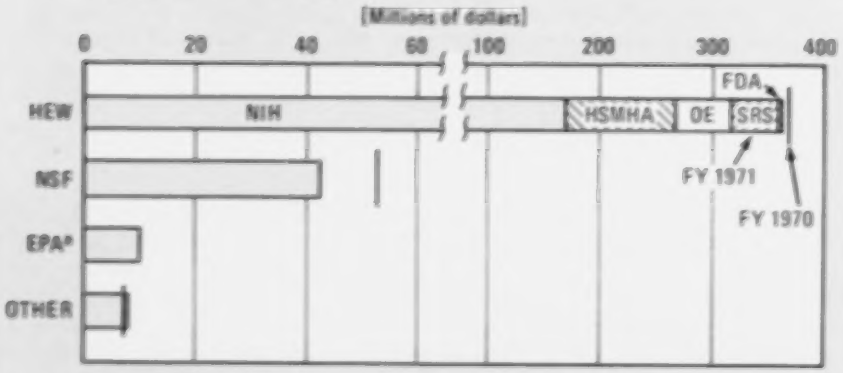
The Department of Health, Education, and Welfare continued to be the predominant supporter of manpower training, providing 86 percent of the 1971 fellowship and traineeship total, the same proportion as in 1970. Of the $361 million in HEW obligations for 1971, nearly one-half was in support of the medical and health-related training programs sponsored by the National Institutes of Health. Of the $169 million in NIH funding in 1971, 72 percent was allocated to training grants and 28 percent to fellowships.

Other components within HEW also contribute substantially to the Nation's scientific training support. During 1971 the Health Services and Mental Health Administration granted $99 million to universities and colleges for fellowships and traineeships; the Office of Education, $52 million; and the Social and Rehabilitation Service, $40 million. The remaining $1 million was obligated by the Food and Drug Administration.

Federal obligations to universities and colleges for fellowships, traineeships, and training grants, by agency



*Established in FY 1971.

SOURCE: National Science Foundation (CASE).

Total NSF support for training in the sciences and engineering was $10 million less in 1971 than in 1970 - a decrease of 20 percent. This decline in direct training support reflects principally the phasing out of NSF's Graduate Traineeship Program, a process which began in 1970 when the last new awards were granted. Traineeships awarded in 1971 covered only commitments from prior years. It is expected that decreases in the number of graduate students supported through this program will be partially offset by increases in the number of students supported through research grants.

Although the Environmental Protection Agency provided less than 3 percent of the 1971 Federal fellowship and traineeship funds, such funds constituted more than one-third of EPA's total academic science funding. This was the largest proportion among the nine agencies funding training programs.

Of the Federal agencies which reported funds for fellowships, traineeships, and training grants in both 1970 and 1971, only two, NIH and SRS (both HEW constituents), registered increases for 1971. NIH's 2-percent increase reflects in part the fact that it was the only agency in 1971 with funds for new traineeship awards.

FIELD OF SCIENCE

Because of the dominance of HEW in support of training activities, over one-half of the 1971 funds for fellowships, traineeships, and training grants are concentrated within the life sciences. Moreover, the 1971 support level of $225 million for the life sciences was nearly 3½ times the level of support for the next ranking field, the social sciences. Fifty-eight percent ($130 million) of the life sciences funds supported fellowship and traineeship programs in clinical medicine.

The extent to which HEW components dominated support varied among the fields. In each of the three highest-ranked fields - the life sciences, social sciences, and psychology - HEW obligated over 95 percent of the funds. Whereas NIH provided over three-fifths of the HEW support in the life sciences, OE and HSMHA were major contributors to the social sciences, accounting for 40 percent and 30 percent, respectively, of the $63 million HEW total. Within psychology, 41 percent of the $41 million total supported training in the biological aspects of psychology, largely sponsored by HSMHA, and 39 percent represented programs in the social aspects of psychology, funded primarily by SRS.

Engineering, which ranked fourth in field
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totals for training programs.

**Distribution of Federal obligations to un
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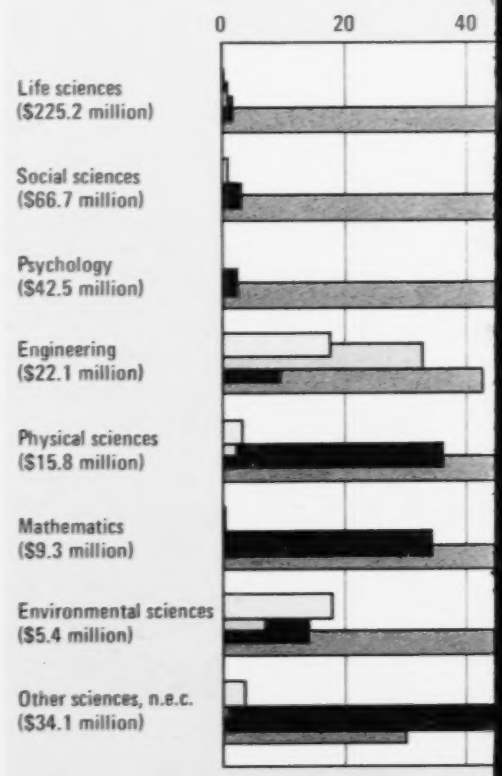

SOURCE: National Science Foundation (CASE).

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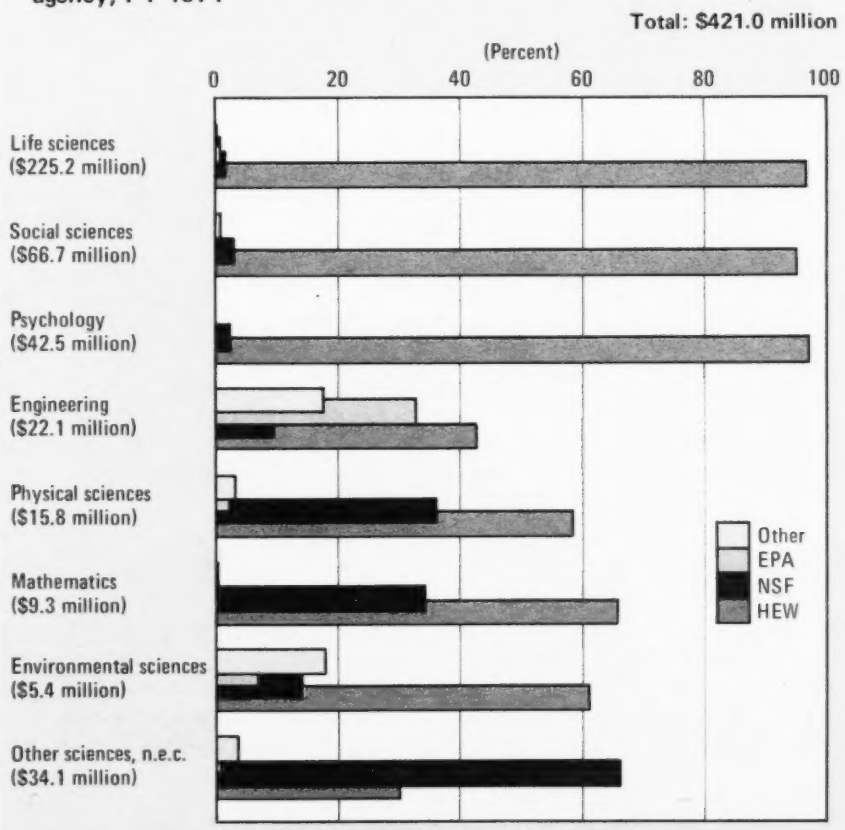
Engineering, which ranked fourth in field support, received $22 million or 5 percent of the 1971 fellowship and training total. The two principal supporters in this field were HEW and EPA with 43 percent and 30 percent, respectively, of the total. While engineering funds accounted for less than 3 percent of HEW's total training support, they represented two-thirds of EPA's training funds. AEC, DOT, and NASA also concentrated their training efforts within engineering, allocating to this field 56 percent ($1.5 million), 47 percent ($1.3 million), and 98 percent ($1.0 million) of their respective totals for training programs.

Distribution of Federal obligations to universities and colleges for fellowships, traineeships, and training grants, by field of science and agency, FY 1971



SOURCE: National Science Foundation (CASE).

Next in order of funding were the physical sciences with 4 percent of the $421 million training total. Obligations in this field amounted to $16 million, 59 percent of which was awarded by HEW and 36 percent by NSF. Training awards in the physical sciences accounted for the largest amount of NSF support for any field.

Less than 4 percent of the 1971 funds supported training activities in the remaining two major fields, mathematics and the environmental sciences.

Some 8 percent of the 1971 obligations for fellowships, traineeships, and training grants was not allocable to a specific scientific discipline. Of the $34 million in the "other sciences, n.e.c." category, nearly two-thirds represented NSF funds. NSF which reported 53 percent of its 1971 training total under this category could not predetermine the fields in which training would be undertaken at the time the traineeships were awarded, since the grantee institution determines in which department (field) students shall receive traineeship appointments.

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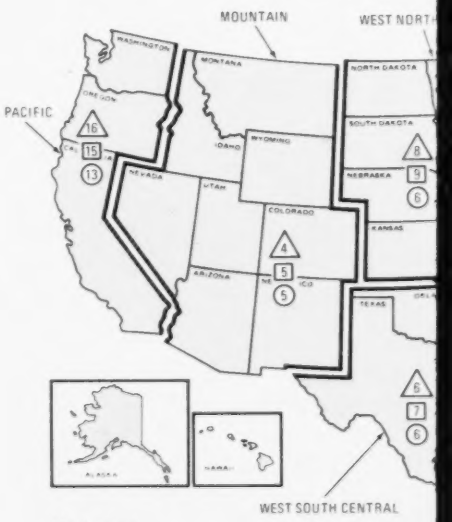
geographic divisions.

GEOGRAPHIC DISTRIBUTION

The distribution of Federal training support among the nine geographic divisions was virtually the same in 1971 as in 1970 with each division evidencing a 1970-71 proportional change of less then one percentage point. The Middle Atlantic, West North Central, East North Central, and New England divisions showed slight declines in their respective share, while all others had larger shares.

As in the 2 prior years, the Middle Atlantic led all other divisions with $83 million, or 20 percent, of the 1971 training total. This division's 1971 funding level represents a 2-percent decline from the 1970 level. Ranking second was the East North Central division which received a total of $72 million in 1971, 6 percent less than 1970, the largest regional decline. The Pacific and South Atlantic divisions accounted for the next largest proportions of training obligations with 16 percent and 14 percent, respectively, of the national total for this support category. Of the two, only the South Atlantic division evidenced a gain in the 1970-71 period with training funds to universities and colleges in this division increasing by 2 percent from 1970-71.

**Geographic distribution of F
fellowships, traineeships, and
colleges compared to selected**



*Academic year
SOURCE: National Science Foundation (CASE)

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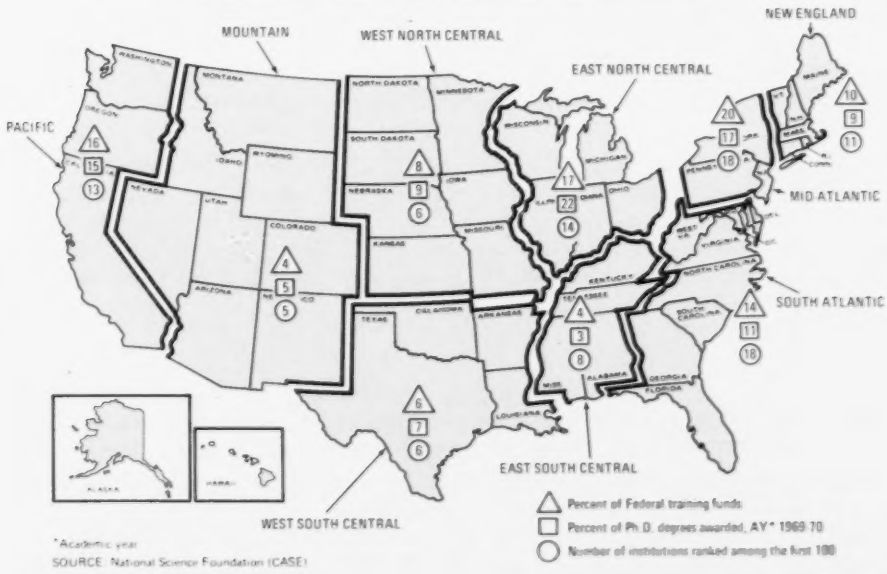
Because training support is highly concentrated among the 100 institutions receiving the largest amounts of funds, the ranking position of the various divisions is determined to a large extent by the number of first 100 institutions located within a particular division. The four leading divisions in terms of training funds also accounted for the largest numbers of leading institutions, although not necessarily in the same rank order. Sixty-three of the leading 100 universities and colleges were located in 19 of the 22 States which comprise the four highest-ranking divisions.

Since Ph.D. production indicates a capacity for research and training, there is a close relationship between the proportion of Federal obligations received for fellowships, traineeships, and training grants and the proportion of Ph.D. degrees conferred in the sciences and engineering. The variance between training obligations and Ph.D. degrees granted was no more than 3 percentage points in all geographic divisions but one. Institutions in the East North Central division did not reflect this close relationship. They received only 17 percent of the 1971 Federal training support, although they granted 22 percent of the Ph.D. degrees, the largest proportion among the nine geographic divisions.

Geographic distribution of FY 1971 Federal obligations for fellowships, traineeships, and training grants to universities and colleges compared to selected educational and institutional data



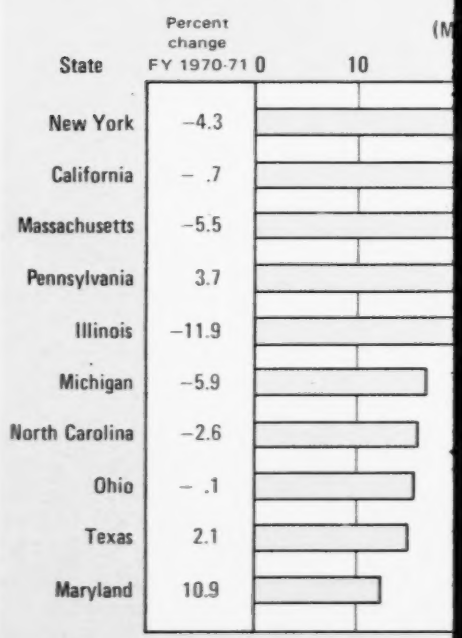
*Academic year
SOURCE: National Science Foundation (CASE)

The 10 States leading in receipt of Federal training support for 1971 accounted for $250 million, or nearly 60 percent of the national total for this support category. New York, California, and Massachusetts were the first three States, receiving as a group over 30 percent of the 1971 fellowship, traineeship, and training grant funds. New York, reflecting primarily NIH obligations to medical schools—11 of the Nation's 95 medical schools are located in this State—was granted a total of $53 million, or 13 percent of the 1971 training funds. California, second to New York in number of medical schools with eight, was also second in training obligations, receiving $48 million, or 1.5 times the level of third-ranked Massachusetts.

Only three of the leading 10 States registered increases between 1970 and 1971. Maryland experienced the largest gain among the top 10 States. The 1971 increase of 11 percent is mainly the result of a sizable increase in funds to Johns Hopkins University, the primary recipient among Maryland institutions. Also registering gains in 1971 were Pennsylvania and Texas with respective increases of 4 percent and 2 percent.

In many States, one or two individual institutions continue to account for the major share of Federal training support within the State. Harvard University and the Massachusetts Institute of Technology accounted for over 56 percent of the Massachusetts total. Seventy-two percent of the Federal training obligations to Maryland institutions went to Johns Hopkins University. Similarly, Duke University and the University of North Carolina together received nearly 80 percent of such funds for North Carolina.

Federal obligations to universities an traineeships, and training grants in th largest amounts, FY 1971



SOURCE: National Science Foundation (CASE).

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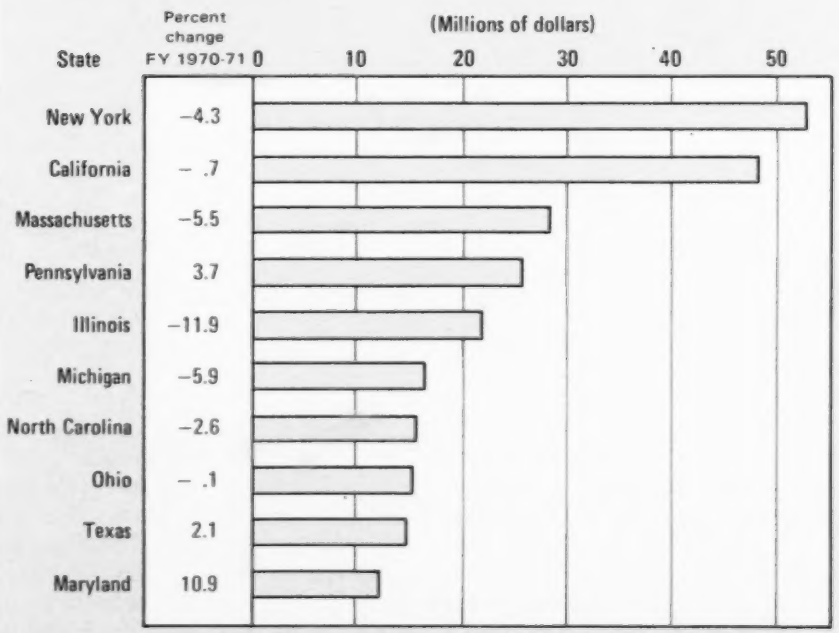
Federal obligations to universities and colleges for fellowships, traineeships, and training grants in the 10 States receiving the largest amounts, FY 1971



SOURCE: National Science Foundation (CASE).

INSTITUTIONAL DISTRIBUTION

Between 1969 and 1971 the number of universities and colleges participating in federally supported training programs in the sciences and engineering increased by 64 percent from 485 to 795 (system offices excluded) while obligations for such programs decreased by 3 percent. This has resulted in a greater dispersion of funds among institutions. In these 3 years, the average amount of support awarded to institutions for training activities declined by 41 percent from $893,000 per institution in 1969 to $527,000 per institution in 1971.

Although each of the three lowest classes in terms of size of Federal training program evidenced an increase in the number of institutions, the most significant gain occurred in the lowest size class. The number of universities and colleges receiving less than $100,000 nearly doubled—from 274 in 1969 to 528 in 1971. Sixty-six percent of the recipients secured training funds totaling less than $100,000 in 1971 compared to 56 percent in 1969.

Number of universities and colleges receiving Federal obligations for fellowships, traineeships, and training grants ranked by size of Federal program, fiscal years 1969-71

Size of Federal program	1969		1970		1971	
	Number of institutions	Percent distribution	Number of institutions	Percent distribution	Number of institutions	Percent distribution
Total	485	100.00	607	100.00	795	100.00
$10 million or more	3	.62	2	.33	1	.13
$5 million to $9.9 million	20	4.12	20	3.29	21	2.64
$1 million to $4.9 million	79	16.29	79	13.01	75	9.43
$500,000 to $999,000	37	7.63	49	8.07	53	6.67
$100,000 to $499,000	72	14.85	97	15.98	117	14.72
Less than $100,000	274	56.49	360	59.31	528	66.42

SOURCE: National Science Foundation (CASE).

The trend toward a wider dispersio
and training grants was also reflected
and colleges. The 100 highest-rankin
$421 million awarded in 1971 for fel
percentage points less than in 1969.

Each of the sponsoring agencies
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During the 1969-71 period, the
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varied considerably. Of the 100 univ
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f the recipients secured training
compared to 56 percent in 1969.

**leral obligations for fellowships,
f Federal program, fiscal years**

1970		1971	
nber of tutions	Percent distribution	Number of institutions	Percent distribution
607	100.00	795	100.00
2	.33	1	.13
20	3.29	21	2.64
79	13.01	75	9.43
49	8.07	53	6.67
97	15.98	117	14.72
360	59.31	528	66.42

The trend toward a wider dispersion of funds for fellowships, traineeships, and training grants was also reflected in data for the leading 100 universities and colleges. The 100 highest-ranking institutions received 81 percent of the $421 million awarded in 1971 for fellowships and other training programs, 5 percentage points less than in 1969.

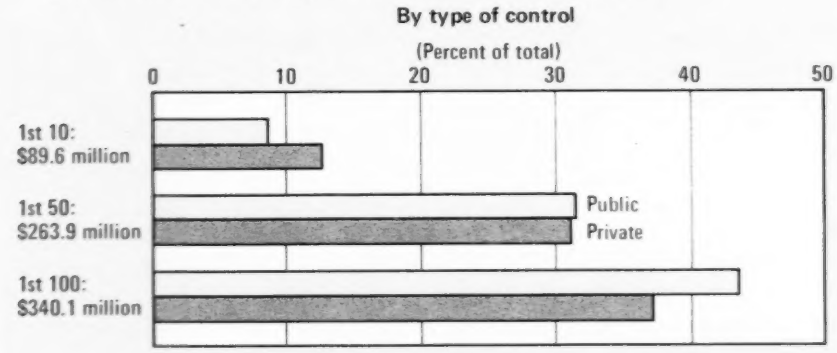
Each of the sponsoring agencies concentrated their training program funding within the group of 100 leading institutions, but not to the same degree. HEW awarded 83 percent ($300 million) of its 1971 funds to these 100 institutions of higher education, whereas NSF and EPA awarded 69 percent and 63 percent, respectively, of their scientific manpower training funds to this group.

During the 1969-71 period, the composition of the leading 100 institutions of higher education remained relatively stable, although the rank order varied considerably. Of the 100 universities and colleges receiving the largest amounts of Federal fellowship and traineeship obligations in 1971, 93 were among the leading 100 in 1969 and 95 in 1970.

Many of the institutions that rank high in training support are among the leading recipients in R&D funding, since academic institutions with recognized research capabilities are also those with the faculty and facilities for training science graduate students. Twelve of the leading 15 institutions in terms of fellowship and traineeship support ranked among the first 15 in terms of R&D support. Furthermore, 78 of the 100 leading recipients of training funds were among the 100 top recipients of R&D funds.

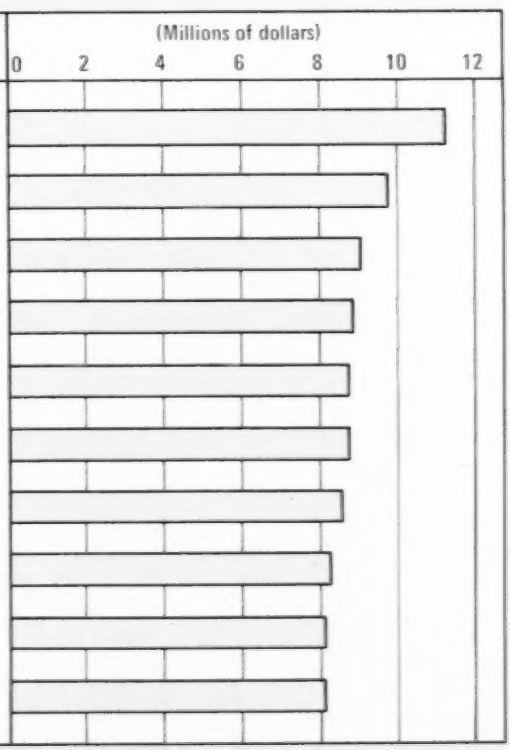
The principal recipients of funds for fellowships, traineeships, and other training grants are also the principal producers of advanced degrees. The leading 100 universities and colleges in terms of 1971 training obligations granted 75 percent of all Ph.D. degrees awarded in the sciences and engineering during 1969-70 and 78 percent of the medical doctorates (M.D. and D.D.S. degrees). These degree-granted percentages represented by the top 100 institutions are slightly lower than the 81 percent of total training support received by these institutions. This is partly due to the fact that a number of the top-ranking institutions chosen by fellowship awardees for advanced training are not necessarily the largest in terms of degrees granted. Also, those institutions that are in the process of developing or expanding their graduate programs would currently show a lower proportion of degrees awarded than support received, since there is a lapse between the time funds are awarded to graduate students and the time the degrees are conferred.

Federal obligations for fellowships, traineeships, and training grants to universities and colleges receiving the largest amounts



First 10 institutions

Institution	FY 1970 Rank	Percent change, 1970-71
Harvard University	1	−5.5
University of Washington	4	2.6
University of Michigan	2	−14.9
University of Minnesota	7	.9
University of Wisconsin – Madison	8	3.1
Johns Hopkins University	14	12.8
University of Pennsylvania	9	1.0
New York University	12	1.6
Columbia University	6	−9.2
Stanford University	5	−11.2



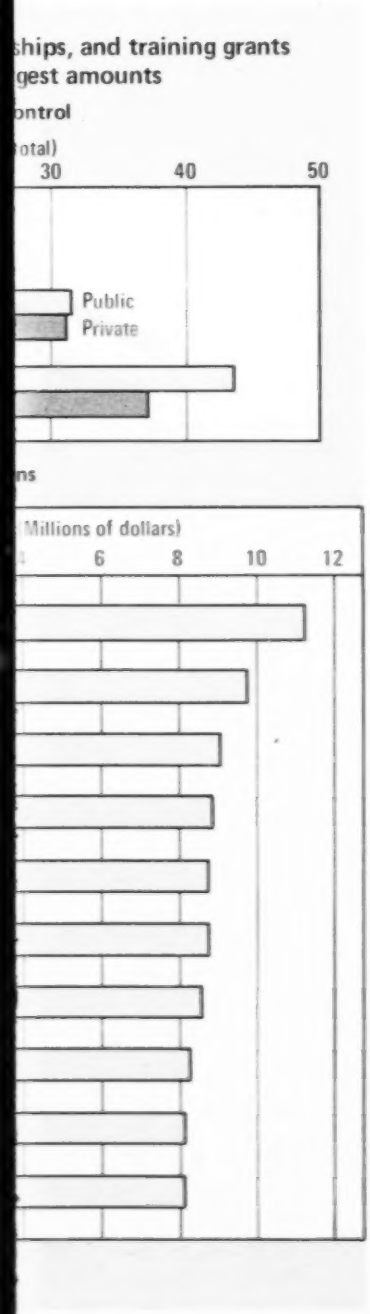
SOURCE: National Science Foundation (CASE).

Within the group of 100 top-rankin trolled universities and colleges received the total funds for fellowships and othe institutions in the top 100 awarded 48 sciences and engineering during 1969-7 institutions in this group, there was a gr age of Ph.D. degrees awarded and the private institutions with a total of $157 the total training funds, but only 27 pe in 1969-70.

Federal obligations to the 10 leading during 1971, slightly more than one-f total. Within the group of 10 leading total for training activities was awarded granted 9 percent of the 1969-70 Ph.D publicly controlled institutions in this g training obligations and awarded 8 per ences and engineering during 1969-70.

Support to four of the leading 10 uni ing the previous fiscal year. While lower the overall declines registered by the U University, a reduction in NSF fellow major factor in the funding decreases f University. The six other leading institu port in 1971, particularly Johns Hopki million in 1970 to $8.8 million in 197 Johns Hopkins' increase is attributable training grant obligations in the life scien

For the third consecutive year, Harvar recipient of Federal fellowship and train of $11 million, 6 percent below the amo also the leading HEW recipient, receivin four-fifths of the institution total.



Within the group of 100 top-ranking institutions, the 60 publicly controlled universities and colleges received $183 million in 1971, 44 percent of the total funds for fellowships and other training grants. In addition, public institutions in the top 100 awarded 48 percent of the Ph.D. degrees in the sciences and engineering during 1969-70. For the 40 privately controlled institutions in this group, there was a greater variation between the percentage of Ph.D. degrees awarded and the percentage of funds received. The private institutions with a total of $157 million accounted for 37 percent of the total training funds, but only 27 percent of the Ph.D. degrees conferred in 1969-70.

Federal obligations to the 10 leading institutions amounted to $90 million during 1971, slightly more than one-fifth of the fellowship and training total. Within the group of 10 leading universities, 13 percent of the 1971 total for training activities was awarded to the six private institutions which granted 9 percent of the 1969-70 Ph.D. degrees. By comparison, the four publicly controlled institutions in this group received 9 percent of the total training obligations and awarded 8 percent of the Ph.D. degrees in the sciences and engineering during 1969-70.

Support to four of the leading 10 universities was lower in 1971 than during the previous fiscal year. While lower HEW levels primarily contributed to the overall declines registered by the University of Michigan and Columbia University, a reduction in NSF fellowship and traineeship support was a major factor in the funding decreases for Harvard University and Stanford University. The six other leading institutions received increased dollar support in 1971, particularly Johns Hopkins University, which rose from $7.8 million in 1970 to $8.8 million in 1971, a 13-percent gain. Virtually all of Johns Hopkins' increase is attributable to a $1 million increase in HEW training grant obligations in the life sciences.

For the third consecutive year, Harvard University was the highest-ranking recipient of Federal fellowship and traineeship obligations with a 1971 total of $11 million, 6 percent below the amount reported for 1970. Harvard was also the leading HEW recipient, receiving $9 million from this agency, over four-fifths of the institution total.

General Support for Science

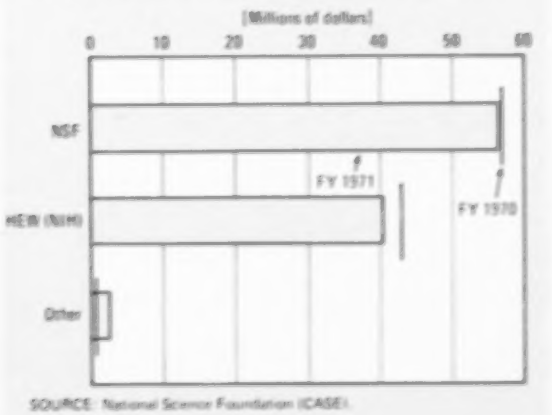
AGENCY DISTRIBUTION

During 1971 $100 million was awarded by the Federal Government to universities and colleges for programs designed to strengthen or enlarge institutional capabilities for research and science education. These "general support for science" programs are sponsored principally by the National Science Foundation and the Department of Health, Education, and Welfare. In 1971 these two agencies provided 97 percent of the general support for science funds with respective shares of 57 percent and 40 percent. The remaining 3 percent was obligated by the Departments of Commerce, Interior, and Labor.

General support for science programs administered by NSF in 1971 included the Institutional Grants for Science Program (formula grants) and the Science Development Program as well as the College Science Improvement Program and Cooperative College-School Science Program. In 1971 NSF funds to institutions of higher education for general support activities totaled $57 million, a slightly lower level than in 1970. This decrease in funding reflects the gradual phasing out of the Science Development Program by the Foundation; however, the impact of this action on NSF's level of funding will be more evident in subsequent fiscal years.

HEW's general support for science program which is limited to awards by the National Institutes of Health is composed of three elements: General research support, biomedical sciences support, and health sciences advancement awards. In 1971 NIH distributed $40 million to academic institutions, primarily health professional schools, for the general support of science. The 1971 level of NIH funding for these activities represented a 7-percent decrease from 1970.

Federal obligations to universities and colleges for general support for science, by agency



SOURCE: National Science Foundation (CASE).

GEOGRAPHIC DISTRIBUTION

Academic institutions in the Middle Atlantic division were the leading recipients of general support for science funding in 1971 with $20 million, one-fifth of the total for this category of support. This division received a similar share of R&D and fellowship and training funds, 18 percent and 20 percent, respectively. The other geographic divisions, however, showed a lesser degree of comparability among the three academic science categories reflecting the greater regional dispersion of funds for institutional development activities.

The higher ranking divisions in terms of R&D and training support received proportionately smaller amounts of general support funds than R&D and training funds. Universities and colleges in New England, for example, accounted for only 8 percent of the 1971 general support for science total as compared with 14 percent and 10 percent, respectively, of total R&D and training support. Similarly, the Pacific division received 20 percent and 16 percent, accordingly, of R&D and training obligations, but less than

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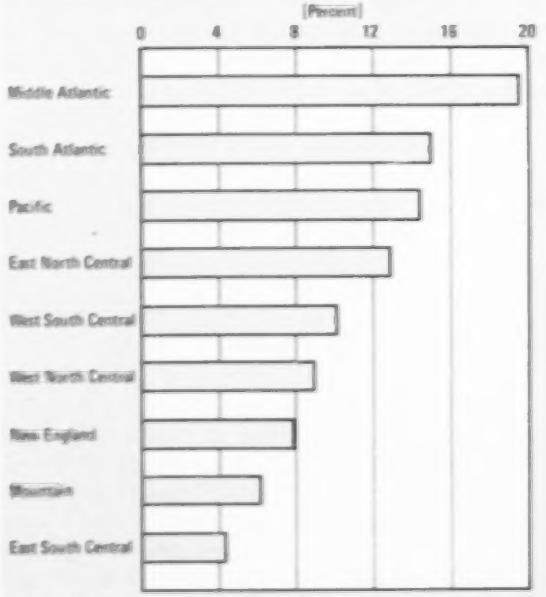
Fifty-four percent of the 1971 general support for science funds was distributed to the 10 States receiving the largest amounts, ranging from $10 million for New York to less than $3 million for Wisconsin.

Geographic distribution of Federal obligations to universities and colleges for general support for science, FY 1971



SOURCE: National Science Foundation (CASE).

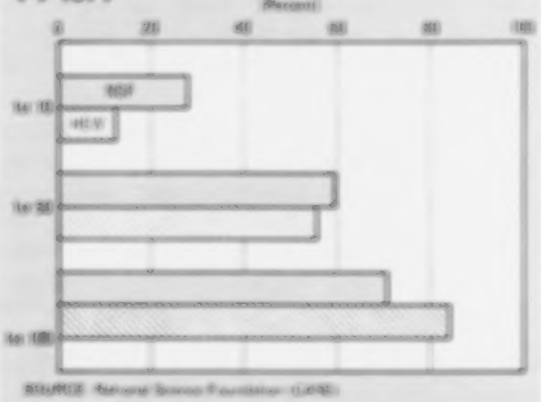
INSTITUTIONAL DISTRIBUTION

During 1971 Federal funds for the general support of science were distributed to 714 academic institutions and 13 system offices. Of the 714 recipient institutions, 689 received general support for science awards from NSF and 161 were awarded NIH general research support grants. Although general support for science programs have, as one of their objectives, the attainment of a wider institutional distribution of support, those sponsored by NIH are restricted to fewer participants than those of the Foundation because (1) the NIH General Research Support Grants Program (the main component of this agency's general support program) provides awards only to institutions which received over $100,000 in NIH and NIMH research grants in the preceding year and (2) grants are awarded primarily to medical and other health professional schools which are limited in number. During 1971 four-fifths ($32 million) of the NIH total for this type of support was allocated to health professional schools.

The 100 universities and colleges receiving the largest amounts of general support for science funds accounted for 85 percent ($34 million) and 71 percent ($40 million) of NIH and NSF general support obligations, respectively. The share of NSF support represented by the first 20 institutions was, however, double that of NIH - 44 percent as compared with 22 percent.

In terms of individual institutions, 14 universities and colleges received in excess of $1 million from the Foundation, while only two institutions were awarded that amount by NIH. Ranking first in terms of NSF support with $2 million was Carnegie Mellon University which ranked seventh in total support, while Duke University, 19th in total support, was the largest NIH recipient with $1 million.

Distribution of NSF and HEW(NIH) obligations for general support for science to the 100 universities and colleges receiving the largest amounts, FY 1971



SOURCE: National Science Foundation (1972).

Facilities and Equipment for Instruction in Science and Engineering

AGENCY DISTRIBUTION

Federal support for instructional facilities in the sciences and engineering totaled $29 million in 1971. Obligations by the Office of Education, the only HEW component to report funds under this support category, amounted to $14 million, 48 percent of the total. OE's science construction and facilities improvement funds which are authorized under Title I of the Higher Education Facilities Act are directed predominantly to developing academic institutions, many of which are two-year community colleges and technical institutes.

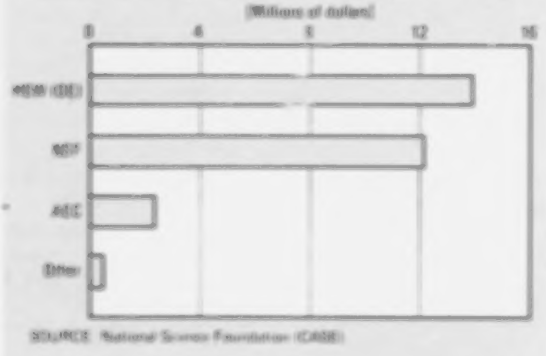
During 1971 NSF the second major supporting agency awarded $12 million, or 42 percent of the total, to universities and colleges for instructional science facilities and equipment. In contrast to OE's more broadly based facilities funds, NSF funds allocated for this purpose mainly financed ship operations and oceanographic laboratories. NSF's oceanographic facilities support grants which totaled $10 million in 1971 enable academic institutions to expand their existing oceanographic research and training programs and to develop new programs. Although these facilities serve two interrelated purposes, research and training, they are, in actuality, utilized primarily for oceanographic research. Since funds could not be apportioned between research and instruction, the amount reported by NSF in 1971 under the "facilities and equipment for instruction" category is overstated. Also included in the 1971 NSF total for this category were awards to 19 institutions of higher education totaling $2 million for computer facilities projects.

The remaining three agencies funding science facilities projects in 1971 - AEC, USDA, and Interior - obligated a combined total of less than $3 million. Of that amount, over $2 million represented AEC funds. Eighty-seven percent of AEC's $2.3 million total for instructional facilities was obligated to the University of Puerto Rico System Office for construction at the Puerto Rico Nuclear Center.

GEOGRAPHIC DISTRIBUTION

The greatest NSF concentration geographically was in the Pacific division where the majority of ship-operator academic institutions are located. Obligations to institutions in this division amounted to $5 million, 46 percent of NSF's science education facilities funds. The South Atlantic and New England divisions, both coastal divisions, also received sizable proportions of NSF support - 20 percent and 18 percent, respectively, of the total.

Federal obligations to universities and colleges for facilities and equipment for instruction in science and engineering, by agency, FY 1971



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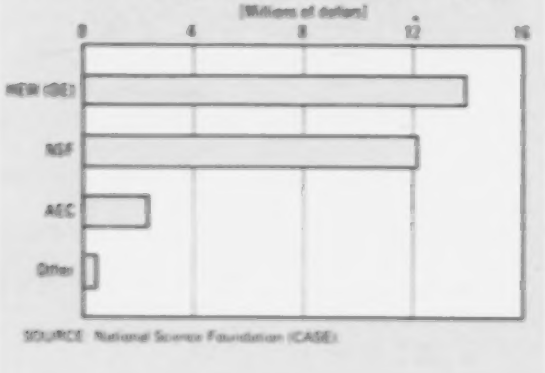

SOURCE: National Science Foundation (CASE)

Educational institutions in the Pacific accounted for only 6 percent of OE's science facilities support. OE funds were largely directed to universities and colleges in the Middle Atlantic, East North Central, and South Atlantic divisions which received, in order, 22 percent, 16 percent, and 15 percent of OE's total science construction obligations. Over one-half of OE's science facilities funds in the Middle Atlantic division supported institutions in New York, primarily community colleges under the State University of New York System.

INSTITUTIONAL DISTRIBUTION

In terms of degree of concentration and individual recipient, the institutional funding pattern reflects differences in the type of agency facility program classified under this support category. NSF funds were highly concentrated among a few institutions as indicated by both the total number of institutions receiving NSF support and the proportion of support received by the leading institutions. Of the 456 universities and colleges receiving Federal funds for instructional facilities and equipment, NSF supported only 43 institutions, eighteen of which were ship-operator institutions. Moreover, the three top-ranking institutions in terms of total and as well as NSF support - the University of California, San Diego Woods Hole Oceanographic Institution, and the University of Miami - accounted for 43 percent ($5 million) of the Foundation's 1971 science facilities funds. These three institutions operate 12 of the 32 ships currently supported by NSF.

OE's science facilities and equipment support, on the other hand, was distributed among 406 universities and colleges. The largest OE award for construction and improvement of instructional science facilities in 1971 was one of $900,000 to Tompkins-Cortland Community College (SUNY), three times the amount granted to the next highest ranked OE recipient, Cuyahoga Community College.

Section 3. FEDERALLY FUNDED RESEARCH AND DEVELOPMENT ADMINISTERED BY UNIVERSITIES AND COLLEGES

Six Federal agencies allocated $984 million to 31 academically associated Federally Funded Research and Development Centers (FFRDC's) in fiscal year 1971. Although overall Federal support increased by $23 million, less than one-half (15) the total number of FFRDC's received more funding in 1971 than in 1970.

Agency Distribution

AEC continues as the principal Federal agency in the funding of academically associated FFRDC's, with 64 percent of the Federal total. NASA and DOD awarded $312 million, or 32 percent of the total. All other agencies (primarily NSF and HEW) represented 5 percent of total funding in 1971. Their proportion of the total, however, was up from 4 percent in 1970, primarily because of a $10 million increase in NSF support.

R&D plant support amounted to nearly 19 percent of all Federal funding at FFRDC's, compared to only 1 percent at universities and colleges. Of the $185 million in Federal R&D plant funds to FFRDC's, 92 percent came from AEC. The R&D programs of AEC require large facilities and equipment, such as the 200-Bev proton synchrotron at the National Accelerator Laboratory in Illinois. This one facility, whose total cost is $250 million, spread over a 5-year period, received $85 million in 1971 R&D plant funding.

Federal obligations to Federall administered by universities a

[D

Agency	To o
Total, all agencies	$
Atomic Energy Commission	
Department of Defense	
Department of the Navy	
Department of the Air Force	
Department of Health, Education, and Welfare	
National Institutes of Health	
Office of Education	
Department of Housing and Urban Development	
National Aeronautics and Space Administration	
National Science Foundation	

SOURCE: National Science Foundation (

FUNDED RESEARCH AND DEVELOPMENT CENTERS
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Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, by agency and type of program, fiscal year 1971

[Dollars in thousands]

Agency	Total Federal obligations	Research and development	R&D plant	Other science activities
Total, all agencies	$984,001	$794,874	$184,709	$4,418
Atomic Energy Commission	626,621	452,816	169,659	4,146
Department of Defense	137,086	137,086	-------	------
Department of the Navy	81,980	81,980	-------	------
Department of the Air Force	55,106	55,106	-------	------
Department of Health, Education, and Welfare	7,427	7,155	-------	272
National Institutes of Health	709	437	-------	272
Office of Education	6,718	6,718	-------	------
Department of Housing and Urban Development	550	550	-------	------
National Aeronautics and Space Administration	175,077	164,517	10,560	------
National Science Foundation	37,240	32,750	4,490	------

SOURCE: National Science Foundation (CASE).

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, fiscal years

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971	Sp A
Total	$814,082	$862,353	$895,287	$917,631	$907,549	$935,820	$916,872	$960,906	$984,001	
Arizona:										
Cerro Tololo Inter-American Observatory (Chile)[a]	1,100	1,100	1,465	1,471	1,713	2,325	4,550	1,900	2,200	NSF
Kitt Peak National Observatory[a]	3,750	4,400	6,915	5,791	5,485	12,475	5,700	6,400	7,200	NSF
California:										
Center for Research and Development in Higher Education	.....	.....	.....	.....	849	1,459	938	879	718	HEW
Center for the Study of the Evaluation of Instructional Program	.....	.....	.....	.....	534	868	809	648	572	HEW
Jet Propulsion Laboratory[b]	230,168	226,194	245,094	230,091	222,169	206,074	156,295	180,047	173,360	NAS
Lawrence Laboratories	162,854	169,424	156,254	169,870	174,661	184,500	179,185	187,686	176,861	AEC
Stanford Center for Research and Development in Teaching	.....	.....	.....	.....	797	1,597	5,007	928	928	HEW
Stanford Linear Accelerator Center	16,193	24,122	43,943	50,969	30,891	28,996	31,001	27,051	29,046	AEC
Colorado:										
National Center for Atmospheric Research[a]	6,019	10,036	8,941	11,791	16,576	14,679	14,061	11,414	15,200	NSF
District of Columbia:										
Center for Research in Social Systems[c]	947	934	1,843	1,808	1,936	1,618	1,861	620	.....	DOC
Georgia:										
Research and Development Center in Educational Stimulation[c]	.....	.....	.....	.....	732	1,294	809	339	.....	HEW
Illinois:										
Argonne National Laboratory[d]	74,947	84,507	86,329	87,255	97,262	113,178	112,874	104,187	105,387	AEC
Coordination Center for the National Program in Early Childhood Education[c]	.....	.....	.....	.....	.....	1,562	1,723	473	.....	HEW
National Accelerator Laboratory[a]	.....	.....	.....	.....	.....	3,377	14,763	49,527	94,219	AEC
Iowa:										
Ames Laboratory	6,549	7,360	8,464	9,089	9,371	9,891	8,886	8,885	8,111	AEC

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to **Federally Funded Research and Development Centers administered by universities and colleges, fiscal years 1963-71**

[Dollars in thousands]

64	1965	1966	1967	1968	1969	1970	1971	Sponsoring Agency	Administered by
353	$895,287	$917,631	$907,549	$935,820	$916,872	$960,906	$984,001		
100	1,465	1,471	1,713	2,325	4,550	1,900	2,200	NSF	Association of Universities for Research in Astronomy, Inc.
400	6,915	5,791	5,485	12,475	5,700	6,400	7,200	NSF	Association of Universities for Research in Astronomy, Inc.
....	.....	.....	849	1,459	938	879	718	HEW (OE)	University of California
....	.....	.....	534	868	809	648	572	HEW (OE)	University of California
194	245,094	230,091	222,169	206,074	156,295	180,047	173,360	NASA	California Institute of Technology
424	156,254	169,870	174,661	184,500	179,185	187,686	176,861	AEC	University of California
....	.....	.....	797	1,597	5,007	928	928	HEW (OE)	Stanford University
122	43,943	50,969	30,891	28,996	31,001	27,051	29,046	AEC	Stanford University
036	8,941	11,791	16,576	14,679	14,061	11,414	15,200	NSF	University Corporation for Atmospheric Research
934	1,943	1,808	1,936	1,618	1,861	620	.....	DOD (Army)	American University
....	.....	.....	732	1,294	809	339	.....	HEW (OE)	University of Georgia
507	86,329	87,256	97,262	113,178	112,874	104,187	105,387	AEC	University of Chicago and Argonne Universities Association
....	.....	.....	.....	1,562	1,723	473	.....	HEW (OE)	University of Illinois
....	.....	.....	.....	3,377	14,763	49,527	94,219	AEC	University Research Association
360	8,464	9,089	9,371	9,891	8,886	8,885	8,111	AEC	Iowa State University of Science and Technology

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, fisc

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971
Maryland:									
Applied Physics Laboratory	42,096	49,124	54,097	52,491	47,172	49,719	51,218	53,444	62,90
Center for the Study of Social Organization of Schools and the Learning Process	.....	.....	.....	.....	.....	742	620	650	3
Massachusetts:									
Cambridge Electron Accelerator[B]	5,946 2,632	5,717 3,424	5,851 3,792	6,130 3,517	6,786 3,596	4,778	4,849	4,412	2,8
Center for Research and Development in Educational Differences[C]	.....	.....	.....	1,112	1,165	.....	.....	.....	.....
Lincoln Laboratory	70,606	78,764	68,683	64,060	66,989	62,319	61,379	55,648	57,1
New Jersey:									
Plasma Physics Laboratory	7,542	8,268	6,997	6,556	6,572	7,446	7,796	7,680	8,2
Princeton-Pennsylvania Accelerator[B]	6,224 881	5,500 1,790	7,521 1,982	8,825 1,801	7,971 1,775	6,422	6,461	5,090	2,0
New Mexico:									
Los Alamos Scientific Laboratory	93,020	97,680	94,636	103,311	102,213	109,387	114,698	140,914	130,7
New York:									
Brookhaven National Laboratory[B]	59,180	58,619	63,564	64,407	64,160	66,814	74,995	72,660	65,6
Hudson Laboratory[C]	3,780	3,939	4,195	4,673	4,708	4,800	3,080	.....	.....
Oregon:									
Center for the Advanced Study of Educational Administration	.....	509	534	663	676	590	519	596	4
Pennsylvania:									
Learning Research and Development Center	.....	.....	754	642	1,309	1,465	7,083	1,465	1,5
Ordnance Research Laboratory	3,763	4,827	7,025	9,597	8,120	9,371	8,577	8,412	7,8
Puerto Rico:									
National Astronomy and Ionosphere Center[I]	.....	.....	.....	.....	.....	.....	.....	2,106	5,8
Tennessee:									
Oak Ridge Associated Universities[G]	4,291	5,059	5,695	6,168	5,620	4,770	5,276	5,179	5,1

ally Funded Research and Development Centers administered by universities and colleges, fiscal years 1963-71 (cont.)

[Dollars in thousands]

1965	1966	1967	1968	1969	1970	1971	Sponsoring Agency	Administered by
54,097	52,491	47,172	49,719	51,218	53,444	62,908	DOD (Navy)	Johns Hopkins University
.....	.....	.....	742	620	650	332	HEW (OE)	Johns Hopkins University
5,851	6,130	6,786	4,778	4,849	4,412	2,886	AEC	Harvard University
3,792	3,517	3,596						Massachusetts Institute of Technology
.....	1,112	1,165	.....	.....	.....	.....	HEW (OE)	Harvard University
68,683	64,060	66,989	62,319	61,379	55,648	57,116	DOD (Air Force)	Massachusetts Institute of Technology
6,997	6,556	6,572	7,446	7,796	7,680	8,211	AEC	Princeton University
7,521	8,825	7,971	6,422	6,461	5,090	2,010	AEC	Princeton University
1,982	1,801	1,775						University of Pennsylvania
94,636	103,311	102,213	109,387	114,698	140,914	130,716	AEC	University of California
63,564	64,407	64,160	66,814	74,995	72,660	65,614	AEC	Associated Universities, Inc.
4,195	4,673	4,708	4,800	3,080	.....	.....	DOD (Navy)	Columbia University
534	663	676	590	519	596	485	HEW (OE)	University of Oregon
754	642	1,309	1,465	7,083	1,465	1,509	HEW (OE)	University of Pittsburgh
7,025	9,597	8,120	9,371	8,577	8,412	7,884	DOD (Navy)	Pennsylvania State University
.....	.....	.....	.....	.....	2,106	5,800	NSF	Cornell University
5,695	6,168	5,620	4,770	5,276	5,179	5,138	AEC	Oak Ridge Associated Universities

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, fiscal years

[Dollars in thousands]

State and Institution	1963	1964	1965	1966	1967	1968	1969	1970	1971	S
Texas:										
Research and Development Center in Teacher Education	.....	.....	.....	.....	763	1,190	820	656	671	H
Virginia:										
Center for Naval Analyses	.....	.....	.....	.....	.....	8,838	9,218	9,085	7,688	D
Human Resources Research Organization[g]	2,794	3,081	3,382	2,752	2,853	1,645	3,445	.....	.....	D
Space Radiation Effects Laboratory	.....	.....	.....	729	1,815	586	1,213	865	1,371	N
Washington:										
Applied Physics Laboratory	3,200	2,275	2,178	5,145	2,836	3,192	3,205	2,682	1,957	D
West Virginia:										
National Radio Astronomy Observatory[a]	4,550	4,600	3,380	4,719	5,062	4,865	7,278	5,800	6,400	N
Wisconsin:										
Army Mathematics Research Center[c]	1,050	1,100	1,273	1,390	1,378	1,300	1,350	1,280	.....	D
Center for Research and Development for Learning and Re-education	.....	.....	500	808	1,034	1,688	5,330	1,298	1,503	H

[a] One of seven centers administered by university consortia.
[b] Includes sizeable amounts subcontracted, principally to industrial firms.
[c] Not an FFRDC in 1971.
[d] Administered by both university and consortium.
[e] Figures for 1968-71 were reported on a somewhat different basis than figures for 1963-67.
[f] This center (formerly known as Arecibo Observatory
Science Foundation assumed responsibility for t
institution.
[g] FFRDC status changed from "university administe
institution are included in part II, section 2.

SOURCE: National Science Foundation (CASE).

Federally Funded Research and Development Centers administered by universities and colleges, fiscal years 1963-71 (cont.)

[Dollars in thousands]

4	1965	1966	1967	1968	1969	1970	1971	Sponsoring Agency	Administered by
...	.....	.....	763	1,190	820	656	671	HEW (OE)	University of Texas
...	.....	.....	.....	8,838	9,218	9,085	7,688	DOD (Navy)	University of Rochester
081	3,382	2,752	2,853	1,645	3,445	.....	.....	DOD (Army)	George Washington University
...	.....	729	1,815	586	1,213	865	1,371	NASA	College of William and Mary
275	2,178	5,145	2,836	3,192	3,205	2,682	1,957	DOD (Navy)	University of Washington
600	3,380	4,719	5,062	4,865	7,278	5,800	6,400	NSF	Associated Universities, Inc.
100	1,273	1,390	1,378	1,300	1,350	1,280	.....	DOD (Army)	University of Wisconsin
...	500	808	1,034	1,688	5,330	1,298	1,503	HEW (OE)	University of Wisconsin

s
industrial firms.

different basis than figures for 1963-67.

[f] This center (formerly known as Arecibo Observatory) became an FFRDC in 1970 when the National Science Foundation assumed responsibility for the support of the research programs of this institution.

[g] FFRDC status changed from "university administered" to "nonprofit administered"; data for this institution are included in part II, section 2.

SOURCE: National Science Foundation (CASE).

Institutional Distribution

Eight centers, little more than one-fourth the total number, accounted for nearly nine-tenths of total FFRDC support from Federal agencies in 1971. Five of these centers are under contract to AEC (Lawrence Laboratories, Los Alamos Scientific Laboratory, Argonne National Laboratory, National Accelerator Laboratory, and Brookhaven National Laboratory), two are sponsored by DOD (Applied Physics Laboratory and Lincoln Laboratory), and one is funded by NASA (Jet Propulsion Laboratory).

Federal funding is becoming increasingly concentrated among FFRDC's. The first 10 institutions accounted for 88 percent of total funding in 1969, 92 percent in 1970, and 93 percent in 1971. This trend is primarily attributable to the growing role of the larger centers in the high-energy physics programs. In each of the last 3 years AEC placed six centers among the leading 10 recipients of Federal support. These six institutions accounted for 58 percent, 61 percent, and 61 percent of all Federal support to all FFRDC's and 94 percent, 95 percent, and 96 percent of all AEC support in 1969, 1970, and 1971, respectively. Moreover, the total number of academically associated FFRDC's reported as receiving Federal funding went down from 35 in 1970 to 31 in 1971.

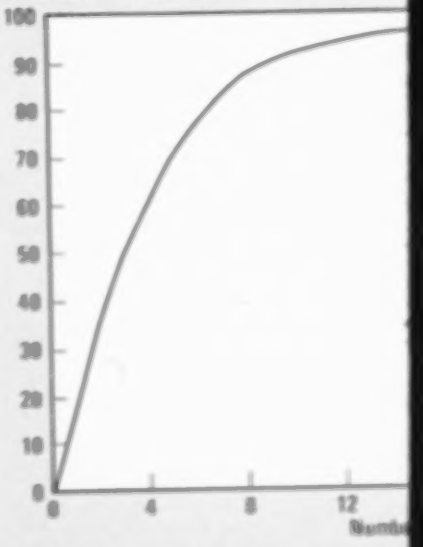
The Lawrence Laboratories for the third consecutive year led all other FFRDC's in total funding, with $177 million in 1971.[4] Another California FFRDC, Jet Propulsion Laboratory ranked a close second with $173 million in 1971.

The largest increase was posted by the National Accelerator Laboratory, up $45 million, or 90 percent, over the 1970 level. The size of the NAL funding increase ($45 million) from 1970-71 was nearly twice as much as all other increases combined.

Many FFRDC's, such as Brookhaven National Laboratory, Oak Ridge Associated Universities, the National Radio Astronomy Observatory, and Kitt Peak National Observatory, provide research, educational, and training opportunities beyond those available at universities. Some cooperative programs include: (1) faculty participation in projects at the centers to learn the latest research techniques, which are then applied to academic research projects upon return to their universities; (2) postdoctoral fellowships, with specific reference to those who plan on entering the teaching profession; and, (3) graduate fellowships whereby graduate students may use unique facilities to carry out doctoral research programs.

Concentration of Federal obligatio
by universities and colleges, FY 19

[Percent of Federal obligations]



SOURCE: National Science Foundation (CA

[4] Beginning with FY 1972, AEC will report separate data for the Livermore and Berkeley laboratories, the two components of Lawrence Laboratories.

ne total number, accounted for
rom Federal agencies in 1971.
AEC (Lawrence Laboratories,
National Laboratory, National
National Laboratory), two are
tory and Lincoln Laboratory),
aboratory).

concentrated among FFRDC's.
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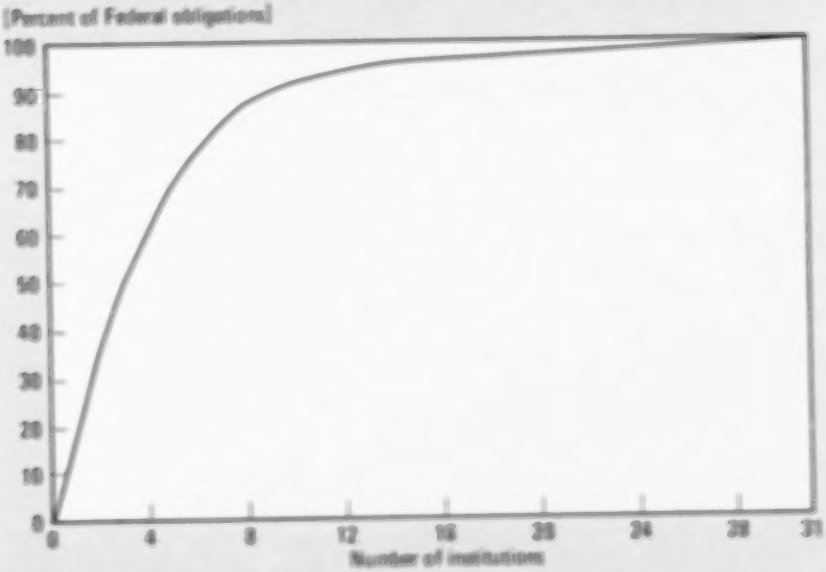
Astronomy Observatory, and
earch, educational, and training
versities. Some cooperative pro-
projects at the centers to learn
en applied to academic research
) postdoctoral fellowships, with
tering the teaching profession;
duate students may use unique
ams.

a for the Livermore and Berkeley labora-

Concentration of Federal obligations to FFRDC's administered by universities and colleges, FY 1971



SOURCE: National Science Foundation (CASE).

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, by State, institution, and type of program, fiscal year 1971

[Dollars in thousands]

State and institution	Agency	Total Federal obligations	Research and development	R&D plant	Other science activities
Total		$984,001	$794,874	$184,709	$4,418
Arizona:					
Cerro Tololo Inter-American Observatory	NSF	2,200	1,887	313	-------
Kitt Peak National Observatory	NSF	7,200	7,073	127	-------
California:					
Center for Research and Development in Higher Education	HEW (OE)	718	718	---------	-------
Center for the Study of the Evaluation of Instructional Programs	HEW (OE)	572	572	---------	-------
Jet Propulsion Laboratory, total		173,360	162,880	10,480	-------
	NASA	(173,337)	(162,857)	(10,480)	-------
	NSF	(23)	(23)	---------	-------
Lawrence Laboratories, total		176,861	163,122	13,613	126
	AEC	(176,691)	(162,970)	(13,613)	(108)
	NSF	(152)	(152)	---------	-------
	HEW (NIH)	(18)	---------	---------	(18)
Stanford Center for Research and Development in Teaching	HEW (OE)	928	928	---------	-------
Stanford Linear Accelerator Center	AEC	29,046	24,191	4,855	-------
Colorado:					
National Center for Atmospheric Research	NSF	15,200	14,950	250	-------
Illinois:					
Argonne National Laboratory, total		105,387	84,927	19,176	1,284
	AEC	(105,220)	(84,760)	(19,176)	(1,284)
	NSF	(167)	(167)	---------	-------
National Accelerator Laboratory	AEC	94,219	9,149	85,070	-------
Iowa:					
Ames Laboratory	AEC	8,111	6,813	1,128	170
Maryland:					
Applied Physics Laboratory, total		62,908	62,908	---------	-------
	DOD (Navy)	(62,810)	(62,810)	---------	-------
	NSF	(98)	(98)	---------	-------
Center for the Study of Social Organization of Schools and the Learning Process	HEW (OE)	332	332	---------	-------
Massachusetts:					
Cambridge Electron Accelerator	AEC	2,886	2,350	536	-------
Lincoln Laboratory, total		57,116	57,116	---------	-------
	DOD (Air Force)	(55,106)	(55,106)	---------	-------
	DOD (Navy)	(1,641)	(1,641)	---------	-------
	NASA	(369)	(369)	---------	-------
New Jersey:					
Plasma Physics Laboratory	AEC	8,211	7,500	711	-------
Princeton-Pennsylvania Accelerator	AEC	2,010	2,000	10	-------

Federal obligations to Federally Funded Research and Development Centers administered by universities and colleges, by State, institution, and type of program, fiscal year 1971

[Dollars in thousands]

	Agency	Total Federal obligations	Research and development	R&D plant	Other science activities	Administered by—
		$984,001	$794,874	$184,709	$4,418	
	NSF	2,200	1,887	313	-------	Association of Universities for Research in Astronomy, Inc.
	NSF	7,200	7,073	127	-------	Association of Universities for Research in Astronomy, Inc.
n	HEW (OE)	718	718	---------	-------	University of California
ograms	HEW (OE)	572	572	---------	-------	University of California
		173,360	162,880	10,480	-------	California Institute of Technology
	NASA	(173,337)	(162,857)	(10,480)	-------	
	NSF	(23)	(23)	---------	-------	
		176,861	163,122	13,613	126	University of California
	AEC	(176,691)	(162,970)	(13,613)	(108)	
	NSF	(152)	(152)	---------	-------	
	HEW (NIH)	(18)	---------	---------	(18)	
aching	HEW (OE)	928	928	---------	-------	Stanford University
	AEC	29,046	24,191	4,855	-------	Stanford University
	NSF	15,200	14,950	250	-------	University Corporation for Atmospheric Research
		105,387	84,927	19,176	1,284	University of Chicago and Argonne Universities
	AEC	(105,220)	(84,760)	(19,176)	(1,284)	Association
	NSF	(167)	(167)	---------	-------	
	AEC	94,219	9,149	85,070	-------	University Research Association
	AEC	8,111	6,813	1,128	170	Iowa State University of Science and Technology
		62,908	62,908	---------	-------	Johns Hopkins University
	DOD (Navy)	(62,810)	(62,810)	---------	-------	
	NSF	(98)	(98)	---------	-------	
nd the						
	HEW (OE)	332	332	---------	-------	Johns Hopkins University
	AEC	2,886	2,350	536	-------	Harvard University
		57,116	57,116	---------	-------	Massachusetts Institute of Technology
	DOD (Air Force)	(55,106)	(55,106)	---------	-------	
	DOD (Navy)	(1,641)	(1,641)	---------	-------	
	NASA	(369)	(369)	---------	-------	
	AEC	8,211	7,500	711	-------	Princeton University
	AEC	2,010	2,000	10	-------	Princeton University

Federal obligations to Federally Funded Research and Development Centers administer
Universities and Colleges, by State, institution, and type of program, fiscal year 1971 (

[Dollars in thousands]

State and Institution	Agency	Total Federal obligations	Research and development	R&D plant	Ot
New Mexico:					
Los Alamos Scientific Laboratory, total		130,716	102,522	28,1	
	AEC	(130,711)	(102,522)	(28,13	(
	HEW (NIH)	(5)	.....	.....	(
New York:					
Brookhaven National Laboratory, total		65,614	48,594	16,305	
	AEC	(65,231)	(48,336)	(16,305)	(
	HEW (NIH)	(383)	(258)	.....	(
Oregon:					
Center for the Advanced Study of Educational Administration	HEW (OE)	485	485	.....	
Pennsylvania:					
Learning Research and Development Center	HEW (OE)	1,509	1,509	.....	
Ordnance Research Laboratory	DOD (Navy)	7,884	7,884	.....	
Puerto Rico:					
National Astronomy and Ionosphere Center[a]	NSF	5,800	2,000	3,800	
Tennessee:					
Oak Ridge Associated Universities, total		5,128	2,954	118	
	AEC	(4,285)	(2,225)	(118)	(
	HUD	(550)	(550)	.....	
	HEW (NIH)	(293)	(179)	.....	(
Texas:					
Research and Development Center in Teacher Education	HEW (OE)	671	671	.....	
Virginia:					
Center for Naval Analysis	DOD (Navy)	7,688	7,688	.....	
Space Radiation Effects Laboratory	NASA	1,371	1,291	80	
Washington:					
Applied Physics Laboratory	DOD (Navy)	1,957	1,957	.....	
West Virginia:					
National Radio Astronomy Observatory	NSF	6,400	6,400	.....	
Wisconsin:					
Center for Research and Development for Learning and Re-edu-cation	HEW (OE)	1,503	1,503	.....	

[a] Formerly known as Arecibo Observatory.
SOURCE: National Science Foundation (CASE).

Federal obligations to Federally Funded Research and Development Centers administered by Universities and Colleges, by State, institution, and type of program, fiscal year 1971 (cont.)

[Dollars in thousands]

	Agency	Total Federal obligations	Research and development	R&D plant	Other science activities	Administered by—
		130,716	102,522	28,137	57	University of California
	AEC	(130,711)	(102,522)	(28,137)	(52)	
	HEW (NIH)	(5)	.....	.....	(5)	
		65,614	48,594	16,305	715	Associated Universities, Inc.
	AEC	(65,231)	(48,336)	(16,305)	(590)	
	HEW (NIH)	(383)	(258)	.....	(125)	
ministration	HEW (OE)	485	485	.....	.....	University of Oregon
	HEW (OE)	1,509	1,509	.....	.....	University of Pittsburgh
	DOD (Navy)	7,884	7,884	.....	.....	Pennsylvania State University
	NSF	5,800	2,000	3,800	.....	Cornell University
		5,138	2,954	118	2,066	Oak Ridge Associated Universities
	AEC	(4,285)	(2,225)	(118)	(1,942)	
	HUD	(550)	(550)	.....	.....	
	HEW (NIH)	(303)	(179)	.....	(124)	
on	HEW (OE)	671	671	.....	.....	University of Texas
	DOD (Navy)	7,688	7,688	.....	.....	University of Rochester
	NASA	1,371	1,291	80	.....	College of William and Mary
	DOD (Navy)	1,957	1,957	.....	.....	University of Washington
	NSF	6,400	6,400	.....	.....	Associated Universities, Inc.
and Re-edu-						
	HEW (OE)	1,503	1,503	.....	.....	University of Wisconsin

Part II

FEDERAL SUPPORT TO SELECTED NONPROFIT INSTITUTIONS

Section 1. FEDERAL SUPPORT TO INDEPENDENT RESEARCH IN

This section includes R&D funding data for 74 independent nonprofit institutions selected on the basis of their participation in government-sponsored research and development.[1] These research institutions which are administratively autonomous and separately incorporated organizations perform a significant role in the Nation's scientific and technological endeavors. Independent research institutions are the sole institutional group, with the exception of Federally Funded Research and Development Centers (FFRDC's), whose prime purpose is the conduct of research and development. In the past the supported work of these research institutions was largely defense-oriented; presently, however, an increasing number of such organizations are directing their R&D efforts towards the solution of critical societal problems.

Agency Distribution

In 1971 Federal R&D funds to the 74 nonprofit research institutions in this study amounted to $173 million. Although 14 agencies reported funds for these institutions in 1971, two agencies, DOD and HEW, administered nearly four-fifths of the total for this sector with shares of 47 percent and 32 percent, respectively.

Obligations by the Department of Defense totaled $81 million in 1971, an increase of 2 percent between 1970 and 1971.[2] Even though DOD continues to be the major agency sponsoring R&D projects at nonprofit research institutions, its share of support has decreased from a high of nearly 60 percent in 1969 to 47 percent in 1971. Within DOD, 1971 funds were obligated as follows:

	(Thousands of dollars)
Army	$36,176
Navy	13,051
Air Force	26,245
Defense agencies	5,337

Each of the three departments within DOD obligated a greater sum than any of the other agencies except HEW.

HEW obligations rose by $12 million to $56 million from 1970-71. This 26-percent increase resulted primarily from an increase in awards by the National Institutes of Health, the largest source of funds within HEW. Nonprofit research institutes received $49 million from NIH during 1971, 89 percent of the HEW total for this sector. Of that amount, nearly 50 percent represented obligations by the National Cancer Institute, one of the 10 NIH research institutes.

[1] See technical notes, page 42, for information on the definitions and concepts used in this part of the report.

[2] Yearly fluctuations in agency support levels reflect primarily actual changes in the amount of funds to individual institutes and, secondly, changes in the universe of research institutions meeting the criteria for inclusion in the survey.

PPORT TO INDEPENDENT RESEARCH INSTITUTIONS

Agency Distribution

In 1971 Federal R&D funds to the 74 nonprofit research institutions in this study amounted to $173 million. Although 14 agencies reported funds for these institutions in 1971, two agencies, DOD and HEW, administered nearly four-fifths of the total for this sector with shares of 47 percent and 32 percent, respectively.

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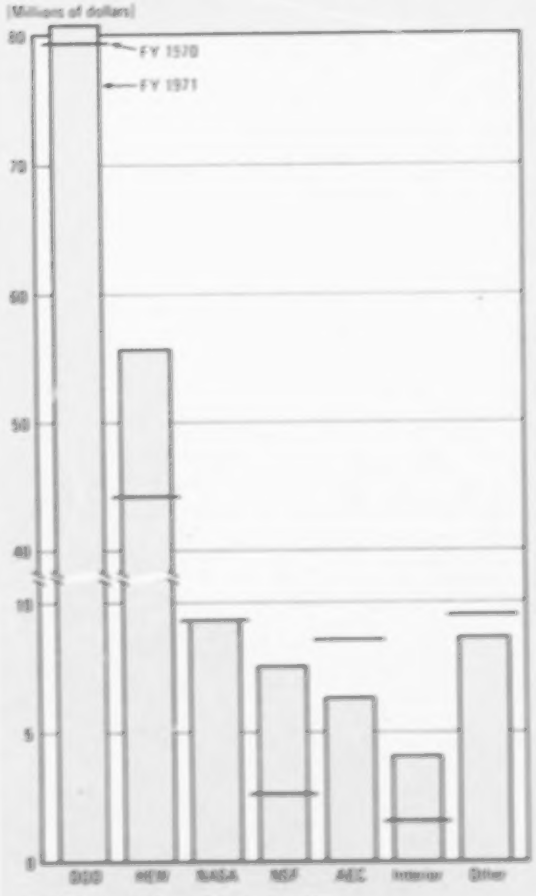
Federal R&D obligations to independent research institutions, by agency



SOURCE: National Science Foundation (CASE)

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITU
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

GEOGRAPHIC DIVISION, STATE, AND INSTITUTION	TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERIOR
UNITED STATES, TOTAL.....	$ 172,766	$ 224	$ 6,303	$ 317	$ 80,809	$ 55,749	$ 4,160
NEW ENGLAND, TOTAL.....	8,474	0	159	0	206	7,491	0
CONNECTICUT, TOTAL.....	527	0	0	0	40	397	0
HASKINS LABORATORIES, INC.....	527	0	0	0	40	397	0
MAINE, TOTAL.....	2,044	0	88	0	0	1,870	0
JACKSON LABORATORY.....	2,044	0	88	0	0	1,870	0
MASSACHUSETTS, TOTAL.....	5,903	0	71	0	166	5,224	0
BLOOD RESEARCH INSTITUTE, INC....	261	0	0	0	30	231	0
CHILDRENS CANCER RESEARCH FOUNDATION.....	2,761	0	0	0	101	2,638	0
MARINE BIOLOGICAL LABORATORY.....	243	0	11	0	0	70	0
RETINA FOUNDATION.....	632	0	0	0	35	597	0
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY.....	2,006	0	60	0	0	1,688	0
MIDDLE ATLANTIC, TOTAL.....	52,058	0	486	185	29,171	15,262	0
NEW JERSEY, TOTAL.....	1,157	0	35	0	30	836	0
INSTITUTE FOR ADVANCED STUDY.....	291	0	35	0	0	0	0
INSTITUTE FOR MEDICAL RESEARCH..	866	0	0	0	30	836	0
NEW YORK, TOTAL.....	40,844	0	418	135	26,276	8,669	0
BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH.....	346	0	0	0	0	150	0
COLD SPRING HARBOR LAB OF QUANTITATIVE BIOLOGY.....	657	0	9	0	0	548	0
CORNELL AERONAUTICAL LABORATORY.....	20,049	0	46	35	17,977	140	0
HUDSON INSTITUTE, INC.....	543	0	0	0	543	0	0
INSTITUTE FOR MEDICAL RESEARCH AND STUDIES.....	199	0	0	0	0	199	0
INSTITUTE FOR MUSCLE DISEASE, INC.....	304	0	0	0	0	304	0
NATIONAL BUREAU OF ECONOMIC RESEARCH.....	2,793	0	0	100	179	320	0
PUBLIC HEALTH RESEARCH INSTITUTE OF NEW YORK.....	1,628	0	0	0	0	1,465	0
RIVERSIDE RESEARCH INSTITUTE.....	4,549	0	0	0	4,403	146	0
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH.....	9,486	0	361	0	0	5,000	0

LIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITUTIONS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERIOR	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	NATIONAL SCIENCE FOUNDATION	OTHER*
$172,766	$ 224	$ 6,303	$ 317	$ 80,809	$ 55,749	$ 4,160	$ 9,317	$ 7,943	$ 8,044
8,474	0	159	0	206	7,491	0	50	556	12
527	0	0	0	40	397	0	0	90	0
527	0	0	0	40	397	0	0	90	0
2,044	0	88	0	0	1,870	0	0	86	0
2,044	0	88	0	0	1,870	0	0	86	0
5,903	0	71	0	166	5,224	0	50	380	12
261	0	0	0	30	231	0	0	0	0
2,761	0	0	0	101	2,638	0	0	22	0
243	0	11	0	0	70	0	0	150	12
632	0	0	0	35	597	0	0	0	0
2,006	0	60	0	0	1,698	0	50	208	0
92,098	0	486	185	29,271	35,262	0	2,032	2,975	1,927
1,157	0	35	0	30	836	0	0	256	0
291	0	35	0	0	0	0	0	256	0
866	0	0	0	30	836	0	0	0	0
40,845	0	418	135	26,276	6,669	0	1,851	2,089	607
346	0	0	0	0	150	0	0	79	117
657	0	9	0	0	548	0	0	100	0
20,049	0	46	35	17,977	140	0	1,851	0	0
543	0	0	0	543	0	0	0	0	0
199	0	0	0	0	199	0	0	0	0
304	0	0	0	0	304	0	0	0	0
2,793	0	0	100	179	320	0	0	1,774	490
1,628	0	0	0	0	1,465	0	0	163	0
4,549	0	0	0	4,403	146	0	0	0	0
5,406	0	363	0	0	5,000	0	0	41	0

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTI
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY - CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

GEOGRAPHIC DIVISION, STATE, AND INSTITUTION	TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERI
SYRACUSE UNIVERSITY RESEARCH CORP.	3,174	0	0	0	3,174	0	0
TRUSEAU INSTITUTE, INC.	397	0	0	0	0	397	0
PENNSYLVANIA, TOTAL	10,836	0	33	50	2,869	5,757	0
AMERICAN INSTITUTE FOR RESEARCH IN THE BEHAVIORAL SCIENCES	3,005	0	0	0	1,904	26	0
FRANKLIN INSTITUTE	2,182	0	0	50	941	459	0
GERMANTOWN LABORATORIES, INC.	32	0	12	0	20	0	0
INSTITUTE FOR CANCER RESEARCH	3,980	0	21	0	0	3,635	0
WISTAR INSTITUTE	1,637	0	0	0	0	1,637	0
EAST NORTH CENTRAL, TOTAL	31,711	0	3,243	26	14,099	3,417	4,160
ILLINOIS, TOTAL	11,323	0	18	26	3,497	160	3,691
IIT RESEARCH INSTITUTE	7,950	0	18	26	3,497	0	486
INSTITUTE OF GAS TECHNOLOGY	3,205	0	0	0	0	0	3,205
INTERSCIENCE RESEARCH INSTITUTE	160	0	0	0	0	160	0
MICHIGAN, TOTAL	704	0	71	0	0	633	0
ATOMIC POWER DEVELOPMENT ASSOCIATES, INC.	71	0	71	0	0	0	0
MICHIGAN CANCER FOUNDATION INC.	633	0	0	0	0	633	0
OHIO, TOTAL	19,531	0	3,154	0	8,602	2,471	469
BATTELLE MEMORIAL INSTITUTE	18,168	0	3,154	0	8,285	1,425	469
COX HEART INSTITUTE	773	0	0	0	266	507	0
FELS RESEARCH INSTITUTE	590	0	0	0	51	539	0
WISCONSIN, TOTAL	153	0	0	0	0	153	0
AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH	153	0	0	0	0	153	0

AL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITUTIONS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY - CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

	TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERIOR	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	NATIONAL SCIENCE FOUNDATION	OTHER*
	3,174	0	0	0	3,174	0	0	0	0	0
	397	0	0	0	0	397	0	0	0	0
...	10,836	0	33	50	2,865	5,757	0	181	630	1,320
...	3,005	0	0	0	1,904	26	0	0	28	1,047
...	2,182	0	0	50	941	459	0	181	278	273
...	32	0	12	0	20	0	0	0	0	0
...	3,980	0	21	0	0	3,635	0	0	324	0
...	1,637	0	0	0	0	1,637	0	0	0	0
...	31,711	0	3,243	26	14,099	3,417	4,160	3,741	507	2,518
...	11,323	0	18	26	5,497	160	3,691	1,585	257	89
...	7,998	0	18	26	5,497	0	486	1,585	257	89
...	3,205	0	0	0	0	0	3,205	0	0	0
...	160	0	0	0	0	160	0	0	0	0
...	704	0	71	0	0	633	0	0	0	0
...	71	0	71	0	0	0	0	0	0	0
...	633	0	0	0	0	633	0	0	0	0
...	19,531	0	3,154	0	8,602	2,471	469	2,156	250	2,429
...	18,168	0	3,154	0	8,285	1,425	469	2,156	250	2,429
...	773	0	0	0	266	507	0	0	0	0
...	590	0	0	0	51	539	0	0	0	0
...	153	0	0	0	0	153	0	0	0	0
...	153	0	0	0	0	153	0	0	0	0

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTIT
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

GEOGRAPHIC DIVISION, STATE, AND INSTITUTION	TOTAL	DEPART-MENT OF AGRICUL-TURE	ATOMIC ENERGY COMMIS-SION	DEPART-MENT OF COM-MERCE	DEPART-MENT OF DEFENSE	DEPART-MENT OF HEALTH, EDUCATION & WELFARE	DEPART-MENT OF THE INTERIO
WEST NORTH CENTRAL, TOTAL.....	9,307	91	0	0	1,011	7,362	0
MINNESOTA,TOTAL.....	6,667	80	0	0	127	5,864	0
MAYO FOUNDATION.....	6,030	0	0	0	127	5,799	0
MINNEAPOLIS MEDICAL RESEARCH FOUNDATION.....	418	0	0	0	0	0	0
NORTH STAR RESEARCH AND DEVELOPMENT INSTITUTE.....	219	80	0	0	0	65	0
MISSOURI,TOTAL.....	2,640	11	0	0	884	1,498	0
CANCER RESEARCH CENTER.....	232	0	0	0	0	232	0
INSTITUTE FOR COMMUNITY STUDIES.....	386	0	0	0	0	386	0
MIDWEST RESEARCH INSTITUTE.....	2,022	11	0	0	884	880	0
SOUTH ATLANTIC, TOTAL.....	10,982	131	15	10	1,319	5,140	0
DISTRICT OF COL,TOTAL.....	5,116	0	15	0	580	1,205	0
ARCTIC INSTITUTE OF NORTH AMERICA.....	432	0	15	0	273	71	0
BROOKINGS INSTITUTION.....	414	0	0	0	0	67	0
BUREAU OF SOCIAL SCIENCE RESEARCH.....	1,127	0	0	0	0	310	0
CARNEGIE INSTITUTION OF WASHINGTON.....	444	0	0	0	18	0	0
CENTER FOR APPLIED LINGUISTICS..	85	0	0	0	32	5	0
GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE.....	555	0	0	0	121	434	0
NATIONAL PLANNING ASSOCIATION...	617	0	0	0	0	243	0
RESEARCH FOUNDATION OF CHILDRENS HOSPITAL OF WASHINGTON, DC.....	136	0	0	0	136	0	0
THE URBAN INSTITUTE.....	1,306	0	0	0	0	75	0

LIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITUTIONS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERIOR	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	NATIONAL SCIENCE FOUNDATION	OTHER
9,307	91	0	0	1,011	7,362	0	324	59	460
6,667	80	0	0	127	5,864	0	119	59	418
6,030	0	0	0	127	5,799	0	45	59	0
418	0	0	0	0	0	0	0	0	418
219	80	0	0	0	65	0	74	0	0
2,640	11	0	0	884	1,498	0	205	0	42
232	0	0	0	0	232	0	0	0	0
386	0	0	0	0	386	0	0	0	0
2,022	11	0	0	884	880	0	205	0	42
10,982	131	15	10	1,319	5,140	0	686	1,258	2,423
5,116	0	15	0	580	1,205	0	178	1,258	1,880
432	0	15	0	273	71	0	0	73	0
414	0	0	0	0	67	0	0	136	211
1,127	0	0	0	0	310	0	0	65	752
444	0	0	0	18	0	0	178	248	0
85	0	0	0	32	5	0	0	48	0
555	0	0	0	121	434	0	0	0	0
617	0	0	0	0	243	0	0	244	130
136	0	0	0	136	0	0	0	0	0
1,306	0	0	0	0	75	0	0	444	787

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

GEOGRAPHIC DIVISION, STATE, AND INSTITUTION	TOTAL	DEPART-MENT OF AGRICUL-TURE	ATOMIC ENERGY COMMIS-SION	DEPART-MENT OF COM-MERCE	DEPART-MENT OF DEFENSE	DEPART-MENT OF HEALTH, EDUCATION & WELFARE	DEPA MENT OF T INTE
MARYLAND, TOTAL	1,921	0	0	0	38	1,883	0
EYE RESEARCH FOUNDATION OF BETHESDA	212	0	0	0	38	174	0
FRIENDS OF PSYCHIATRIC RESEARCH	689	0	0	0	0	689	0
INSTITUTE FOR BEHAVIORAL RESEARCH	649	0	0	0	0	649	0
NATIONAL BIOMEDICAL RESEARCH FOUNDATION	371	0	0	0	0	371	0
NORTH CAROLINA, TOTAL	3,945	131	0	10	701	2,052	0
RESEARCH TRIANGLE INSTITUTE	3,945	131	0	10	701	2,052	0
EAST SOUTH CENTRAL, TOTAL	4,222	0	0	0	1,101	3,053	0
ALABAMA, TOTAL	4,222	0	0	0	1,101	3,053	0
SOUTHERN RESEARCH INSTITUTE	4,222	0	0	0	1,101	3,053	0
WEST SOUTH CENTRAL, TOTAL	8,464	2	111	0	4,976	2,781	0
LOUISIANA, TOTAL	228	0	0	0	0	175	0
GULF SOUTH RESEARCH INSTITUTE	228	0	0	0	0	175	0
OKLAHOMA, TOTAL	1,307	0	0	0	153	1,154	0
OKLAHOMA MEDICAL RESEARCH FOUNDATION	1,307	0	0	0	153	1,154	0
TEXAS, TOTAL	6,929	2	111	0	4,823	1,452	0
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION	1,359	0	0	0	0	1,341	0
SOUTHWEST RESEARCH INSTITUTE	5,570	2	111	0	4,823	111	0
MOUNTAIN, TOTAL	3,042	0	1,837	0	566	64	0
ARIZONA, TOTAL	522	0	0	0	0	0	0
LOWELL OBSERVATORY	522	0	0	0	0	0	0
NEW MEXICO, TOTAL	2,520	0	1,837	0	566	64	0
LOVELACE FOUNDATION FOR MEDICAL EDUCATION	2,520	0	1,837	0	566	64	0

OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITUTIONS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

TOTAL	DEPARTMENT OF AGRICULTURE	ATOMIC ENERGY COMMISSION	DEPARTMENT OF COMMERCE	DEPARTMENT OF DEFENSE	DEPARTMENT OF HEALTH, EDUCATION & WELFARE	DEPARTMENT OF THE INTERIOR	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	NATIONAL SCIENCE FOUNDATION	OTHER*
1,921	0	0	0	38	1,883	0	0	0	0
212	0	0	0	38	174	0	0	0	0
689	0	0	0	0	689	0	0	0	0
649	0	0	0	0	649	0	0	0	0
371	0	0	0	0	371	0	0	0	0
3,945	131	0	10	701	2,052	0	508	0	543
3,945	131	0	10	701	2,052	0	508	0	543
4,222	0	0	0	1,101	3,053	0	68	0	0
4,222	0	0	0	1,101	3,053	0	68	0	0
4,222	0	0	0	1,101	3,053	0	68	0	0
8,464	2	111	0	4,976	2,781	0	322	71	201
228	0	0	0	0	175	0	0	53	0
228	0	0	0	0	175	0	0	53	0
1,307	0	0	0	153	1,154	0	0	0	0
1,307	0	0	0	153	1,154	0	0	0	0
6,929	2	111	0	4,823	1,452	0	322	18	201
1,359	0	0	0	0	1,341	0	0	18	0
5,570	2	111	0	4,823	111	0	322	0	201
3,042	0	1,837	0	586	64	0	503	72	0
522	0	0	0	0	0	0	450	72	0
522	0	0	0	0	0	0	450	72	0
2,520	0	1,837	0	586	64	0	53	0	0
2,520	0	1,837	0	586	64	0	53	0	0

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

GEOGRAPHIC DIVISION, STATE, AND INSTITUTION	TOTAL	DEPART-MENT OF AGRICUL-TURE	ATOMIC ENERGY COMMIS-SION	DEPART-MENT OF COM-MERCE	DEPART-MENT OF DEFENSE	DEPART-MENT OF HEALTH, EDUCATION & WELFARE	DEPA MENT OF T INTE
PACIFIC, TOTAL	44, 526	0	452	96	28,360	11, 179	
CALIFORNIA,TOTAL	40, 151	0	132	96	28,265	7, 219	
CENTER FOR ADVANCED STUDY IN THE BEHAVIORAL SCIENCES	1,618	0	0	0	0	0	
INSTITUTE OF MEDICAL SCIENCES	1,776	0	0	0	128	1,588	
KAISER FOUNDATION RESEARCH INSTITUTE	339	0	0	0	339	0	
PALO ALTO MEDICAL RESEARCH FOUNDATION	292	0	0	0	0	292	
SALK INSTITUTE FOR BIOLOGICAL STUDIES	1,426	0	0	0	0	1,221	
STANFORD RESEARCH INSTITUTE	34, 632	0	132	96	27,798	4, 050	
WESTERN BEHAVIORAL SCIENCES INSTITUTE	68	0	0	0	0	68	
OREGON,TOTAL	3,481	0	0	0	95	3,386	
MEDICAL RESEARCH FOUNDATION OF OREGON	2,669	0	0	0	0	2,669	
OREGON RESEARCH INSTITUTE	812	0	0	0	95	717	
WASHINGTON,TOTAL	894	0	320	0	0	574	
HANFORD ENVIRONMENTAL HEALTH FOUNDATION	198	0	198	0	0	0	
PACIFIC NORTHWEST RESEARCH FOUNDATION	390	0	122	0	0	268	
VIRGINIA MASON FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH.	306	0	0	0	0	306	

*Includes AID, EPA, HUD, LABOR, OEO, AND DOT.

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE).

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO INDEPENDENT RESEARCH INSTITUTIONS
BY GEOGRAPHIC DIVISION, STATE, INSTITUTION, AND AGENCY- CON.
FISCAL YEAR 1971

(THOUSANDS OF DOLLARS)

TE.	TOTAL	DEPART-MENT OF AGRICUL-TURE	ATOMIC ENERGY COMMIS-SION	DEPART-MENT OF COM-MERCE	DEPART-MENT OF DEFENSE	DEPART-MENT OF HEALTH, EDUCATION & WELFARE	DEPART-MENT OF THE INTERIOR	NATIONAL AERO-NAUTICS AND SPACE ADMINIS-TRATION	NATIONAL SCIENCE FOUND-ATION	OTHER
.....	44, 526	0	452	96	28,360	11, 179	0	1,591	2,345	503
..... DY IN	40, 151	0	132	96	28,265	7, 259	0	1,591	2,345	503
S	1,618	0	0	0	0	0	0	0	1,618	0
IENCES...	1,776	0	0	0	124	1,588	0	60	0	0
RCH										
.....	339	0	0	0	339	0	0	0	0	0
RCH										
..... OGICAL	292	0	0	0	0	292	0	0	0	0
.....	1,426	0	0	0	0	1,221	0	60	145	0
TUTE.....	34, 632	0	132	96	27,798	4, 050	0	1,471	562	503
NCES										
.....	68	0	0	0	0	68	0	0	0	0
..... TION OF	3,481	0	0	0	95	3,386	0	0	0	0
.....	2,669	0	0	0	0	2,669	0	0	0	0
UTE.....	812	0	0	0	95	717	0	0	0	0
.....	894	0	320	0	0	574	0	0	0	0
..... RCH	198	0	198	0		0	0	0	0	0
..... ON FOR RESEARCH.	390	0	122	0	0	268	0	0	0	0
	306	0	0	0	0	306	0	0	0	0

OR, OEO, AND DOT.

OUNDATION (CASE).

Of the remaining 12 agencies (each of which obligated less than $10 million to the nonprofit sector), only three - NSF, AEC, and Interior - evidenced a significant change in nonprofit support levels between 1970 and 1971.

NSF funds to research institutions in this survey more than tripled in 1971 from $2.5 million to $8.0 million. Most of this increase was directed to two organizations, the National Bureau of Economic Research and the Center for Advanced Study in the Behavioral Sciences. Awards by NSF to the National Bureau of Economic Research in 1971 totaled $1.7 million, primarily funding the establishment of a research center for the development of computer technology in economic and management science. The Center for Advanced Study in the Behavioral Sciences was awarded $1.6 million under NSF's Research Applied to National Needs (RANN) program for the conduct of studies on the social consequences of technology.

The Department of the Interior sharply increased its support to research institutes included in this study from $1.6 million in 1970 to $4.2 million in 1971, reflecting the current expansion of coal gasification programs. Over 75 percent of Interior's 1971 funds were directed to the Institute of Gas Technology.

The Atomic Energy Commission was the only major supporting agency other than DOD to show a decline from 1970-71. AEC funds to nonprofit research organizations decreased by 26 percent to $6.3 million, mainly as a result of reduced support to the Battelle Memorial Institute and the Atomic Power Development Associates, Inc.

A total of $407,000 was obligated in 1971 to six research institutes for R&D plant. Of that amount, $271,000 represented AEC funds and $136,000 NSF funds.

Institutional Distribution

During 1971 the first 10 recipients of Federal R&D support were awarded $111 million, or 64 percent of total funding, essentially the same proportion as in 1970. Eight of the 10 highest-ranking institutes in 1971 were among the 10 leaders in each of the last three years. Furthermore, the same three - Stanford Research Institute (SRI), Cornell Aeronautical Laboratory (CAL), and the Battelle Memorial Institute - have led since 1969 and in the same rank order. These three institutions, each of which receives the major proportion of its support from DOD, accounted for 42 percent of the 1971 nonprofit total.

SRI registered the largest absolute gain in 1971. The $3 million increase is attributable to a 12-percent DOD funding increase. DOD also increased its support to second-ranked CAL. However, overall Federal support to CAL fell by 2

Institutional Distribution

During 1971 the first 10 recipients of Federal R&D support were awarded $111 million, or 64 percent of total funding, essentially the same proportion as in 1970. Eight of the 10 highest-ranking institutes in 1971 were among the 10 leaders in each of the last three years. Furthermore, the same three - Stanford Research Institute (SRI), Cornell Aeronautical Laboratory (CAL), and the Battelle Memorial Institute - have led since 1969 and in the same rank order. These three institutions, each of which receives the major proportion of its support from DOD, accounted for 42 percent of the 1971 nonprofit total.

SRI registered the largest absolute gain in 1971. The $3 million increase is attributable to a 12-percent DOD funding increase. DOD also increased its support to second-ranked CAL. However, overall Federal support to CAL fell by 2 percent due to a substantial reduction in DOT funds which was not offset by the $2 million DOD increase.

In 1971 the highest relative increases were experienced by the Mayo Foundation and the Institute of Cancer Research, both of which receive over 90 percent of their funding from HEW. Between 1970 and 1971 HEW obligations to these two institutions increased by $2 million and $1 million, respectively.

Federal obligations to the 10 independent research institutions receiving the largest amounts, FY 1971

SOURCE: National Science Foundation (CASE)

Section 2. FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CEN

Federally Funded Research and Development Centers (FFRDC's) administered by nonprofit institutions constitute an important research resource for the Federal Government. Since 1968 Federal agencies have awarded a cumulative total of $970 million to these organizations for the performance of research and development. Between 1968 and 1970 Federal R&D support to nonprofit-managed FFRDC's increased at an average annual rate of 8 percent. However, in 1971 support to these centers fell by nearly 21 percent to a level of $216 million.

Although each of the major supporting agencies contributed to the 1971 decline of $57 million, three-fourths of the decrease can be attributed to a $43 million reduction in AEC funds to the Pacific Northwest Laboratory (PNL). The lower support level for PNL in 1971 resulted from AEC's transfer of management responsibility for R&D activities on the liquid metal fast breeder reactor (LMFBR) from PNL to the Westinghouse Corporation.

Agency Distribution

During 1971 the 27 FFRDC's administered by the nonprofit sector received funds for R&D activities from 11 Federal agencies. Three agencies - DOD, HEW, and AEC - were the primary sponsors, together allocating $211 million to these research centers, over 98 percent of the 1971 total. Of the three agencies, DOD predominated, accounting for 73 percent of the funds obligated to nonprofit FFRDC's in 1971.

DOD obligations to FFRDC's totaled $158 million in 1971, over 2½ times as much as all other agencies combined. Nearly three-fourths of the 1971 DOD total represented obligations by the Department of Air Force, primarily to three centers - Aerospace Corporation, $71 million; MITRE Corporation, $33 million; and the RAND Corporation, $11 million.

The next largest supporter of nonprofit-associated FFRDC's was HEW which in 1971 obligated a total of $31 million. Of that amount, $29 million, or 96 percent, was awarded by the Office of Education to regional educational laboratories and educational policy centers, now the primary recipients of OE's R&D support. OE's educational laboratories, which numbered 15 in 1971, were established in 1965 through regional initiative following expansion of the Cooperative Research Act, the major source of funds for OE-sponsored research.

While OE's R&D funds to these laboratories increased by 11 percent from 1970-71, R&D plant dropped from $11 million in 1970 to less than $500,000 in 1971 as the 1966 and 1967 Congressional appropriations for educational research facilities were exhausted.

UNDED RESEARCH AND DEVELOPMENT CENTERS

Agency Distribution

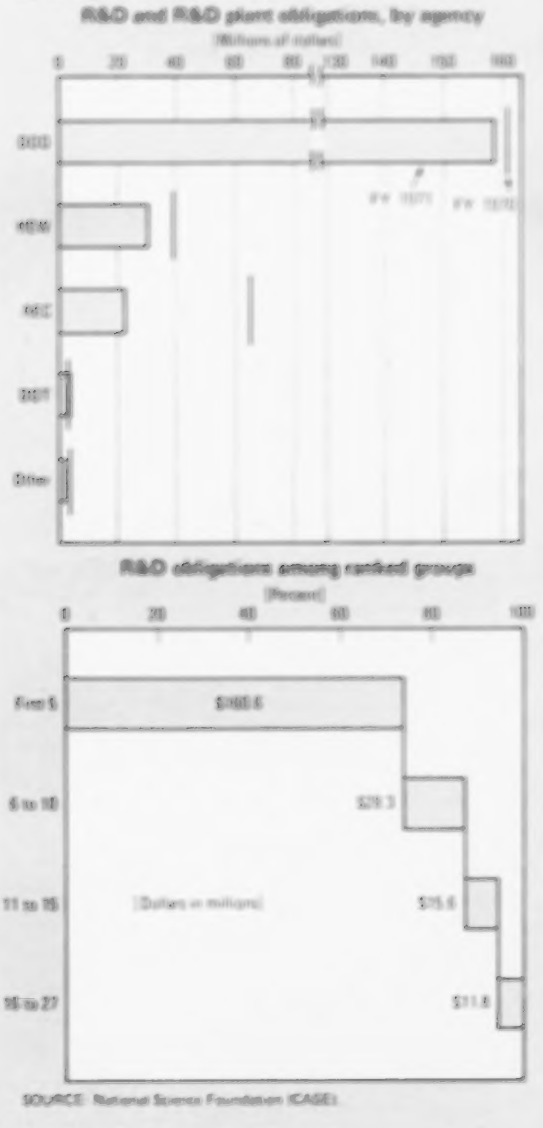
During 1971 the 27 FFRDC's administered by the nonprofit sector received funds for R&D activities from 11 Federal agencies. Three agencies - DOD, HEW, and AEC - were the primary sponsors, together allocating $211 million to these research centers, over 98 percent of the 1971 total. Of the three agencies, DOD predominated, accounting for 73 percent of the funds obligated to nonprofit FFRDC's in 1971.

DOD obligations to FFRDC's totaled $158 million in 1971, over 2½ times as much as all other agencies combined. Nearly three-fourths of the 1971 DOD total represented obligations by the Department of Air Force, primarily to three centers - Aerospace Corporation, $71 million; **MITRE** Corporation, $33 million; and the **RAND** Corporation, $11 million.

The next largest supporter of nonprofit-associated FFRDC's was HEW which in 1971 obligated a total of $31 million. Of that amount, $29 million, or 96 percent, was awarded by the Office of Education to regional educational laboratories and educational policy centers, now the primary recipients of OE's R&D support. OE's educational laboratories, which numbered 15 in 1971, were established in 1965 through regional initiative following expansion of the Cooperative Research Act, the major source of funds for OE-sponsored research.

While OE's R&D funds to these laboratories increased by 11 percent from 1970-71, R&D plant dropped from $11 million in 1970 to less than $500,000 in 1971 as the 1966 and 1967 Congressional appropriations for educational research facilities were exhausted.

Federal obligations to FFRDC's administered by nonprofit institutions



Funding by the Atomic Energy Commission amounted to $23 million for 1971 and supported R&D activities at the Pacific Northwest Laboratory and the Atomic Bomb Casualty Commission. The aforementioned $43 million reduction in AEC funds to PNL brought AEC's share of the nonprofit FFRDC total down from 24 percent in 1970 to 11 percent in 1971.

R&D funds from the eight remaining agencies providing support to FFRDC's managed by nonprofit organizations totaled just over $5 million, of which $3 million was awarded by DOT, primarily to the MITRE Corporation.

Institutional Distribution

Of the 27 nonprofit-administered FFRDC's receiving R&D support in 1971, five - Aerospace Corporation, MITRE Corporation, RAND Corporation, Pacific Northwest Laboratory, and the Institute for Defense Anaylses, each with Federal R&D funds in excess of $10 million - accounted for $161 million, 74 percent of the 1971 total for the nonprofit FFRDC sector. Nearly 90 percent of DOD's 1971 research center support was allocated to the four DOD-sponsored organizations within

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Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers administered by nonprofit institutions, fiscal years 1968-71

[Dollars in thousands]

State and institution	Total Federal obligations				Research and development				R	
	1968	1969	1970	1971	1968	1969	1970	1971	1968	196
Total	$234,080	$246,728	$273,269	$216,225	$229,308	$235,885	$256,491	$213,997	$4,785	$10,8
Arkansas:										
South Central Regional Educational Laboratory Corporation[a]	711	320	.....	.....	700	320	.....	.....	11	.....
California:										
Aerospace Corporation	73,626	76,338	72,953	71,405	73,537	76,338	72,953	71,405	89	.....
RAND Corporation	20,407	20,438	21,167	21,156	20,295	20,438	21,167	21,156	112	.....
Center for Educational Policy Research[b]	500	500	448	444	500	500	448	444	.....	.....
The Far West Laboratory for Educational Research and Development	1,308	6,536	2,373	3,717	1,250	1,685	2,373	3,266	58	4,8
Southwest Regional Laboratory for Educational Research and Development	2,235	2,487	7,310	3,630	2,235	2,487	3,024	3,630	.....	.....
Colorado:										
Rocky Mountain Regional Educational Laboratory[a]	514	346	.....	.....	514	346	.....	.....	.....	.....
District of Columbia:										
Atomic Bomb Casualty Commission	3,822	3,925	4,250	4,617	3,685	3,788	4,155	4,572	137	.....
Central Atlantic Regional Educational Laboratory[a]	796	390	.....	.....	780	390	.....	.....	16	.....
Georgia:										
Southeastern Educational Laboratory	719	670	720	466	670	670	720	466	49	.....
Illinois:										
Cooperative Educational Research Laboratory, Inc.[a]	622	241	.....	.....	600	241	.....	.....	22	.....
Maryland:										
Electromagnetic Compatability Analysis Center[c]	5,237	4,642	5,210	5,903	5,237	4,642	5,210	5,903	.....	.....
Massachusetts:										
MITRE Corporation	36,521	32,702	40,856	35,974	36,521	32,702	40,856	35,974	.....	.....
Educational Development Center, Inc.	1,041	1,390	1,509	625	1,041	1,390	1,509	625	.....	.....

Institutional Distribution

Of the 27 nonprofit-administered FFRDC's receiving R&D support in 1971, five - Aerospace Corporation, **MITRE** Corporation, **RAND** Corporation, Pacific Northwest Laboratory, and the Institute for Defense Anaylses, each with Federal R&D funds in excess of $10 million - accounted for $161 million, 74 percent of the 1971 total for the nonprofit FFRDC sector. Nearly 90 percent of DOD's 1971 research center support was allocated to the four DOD-sponsored organizations within the leading five group. DOD was also the primary influence in the next ranked group of FFRDC's, obligating over 50 percent of the $28 million total for the five centers in this group.

Four OE-sponsored educational laboratories ranked within the third group of leading centers with R&D totals ranging from $3.7 million for the Far West Laboratory for Educational Research and Development to $2.5 million for the Northwest Regional Educational Laboratory.

Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers administered by nonprofit institutions, fiscal years 1968-71

[Dollars in thousands]

	Total Federal obligations				Research and development				R&D plant				Sponsoring agency
	1968	1969	1970	1971	1968	1969	1970	1971	1968	1969	1970	1971	
	$234,093	$246,728	$273,269	$216,225	$229,308	$235,885	$256,491	$213,997	$4,785	$10,843	$16,778	$ 2,228	
	711	320	.....	.....	700	320	.....	.....	11	.....	.....	.....	HEW (OE)
	73,626	76,338	72,953	71,405	73,537	76,338	72,953	71,405	89	.....	.....	.....	DOD (Air Force)
	20,407	20,438	21,167	21,156	20,295	20,438	21,167	21,156	112	.....	.....	.....	DOD (Air Force)
	500	500	448	444	500	500	448	444	.....	.....	.....	.....	HEW (OE)
	1,308	6,536	2,373	3,717	1,250	1,685	2,373	3,266	58	4,851	.....	451	HEW (OE)
	2,235	2,487	7,310	3,630	2,235	2,487	3,024	3,630	.....	.....	4,286	.....	HEW (OE)
	514	346	.....	.....	514	346	.....	.....	.....	.....	.....	.....	HEW (OE)
	3,822	3,925	4,250	4,617	3,685	3,788	4,155	4,572	137	137	95	45	AEC
[a]	796	390	.....	.....	780	390	.....	.....	16	.....	.....	.....	HEW (OE)
	719	670	720	468	670	670	720	468	49	.....	.....	.....	HEW (OE)
	622	241	.....	.....	600	241	.....	.....	22	.....	.....	.....	HEW (OE)
[c]	5,237	4,642	5,210	5,903	5,237	4,642	5,210	5,903	.....	.....	.....	.....	DOD (Air Force)
	36,521	32,702	40,856	35,974	36,521	32,702	40,856	35,974	.....	.....	.....	.....	DOD (Air Force)
	1,041	1,390	1,509	625	1,041	1,390	1,509	625	.....	.....	.....	.....	HEW (OE)

Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers, administered by nonprofit institutions, fiscal years 1968-71 (cont.)

[Dollars in thousands]

State and institution	Total Federal obligations				Research and development					
	1968	1969	1970	1971	1968	1969	1970	1971	1968	
Michigan:										
Michigan-Ohio Regional Educational Laboratory[a]	853	385	.....	.....	800	385	.....	.....	53	
Minnesota:										
Upper Midwest Regional Educational Laboratory, Inc.	678	800	958	733	678	800	958	733	.....	
Missouri:										
Central Midwestern Regional Educational Laboratory	1,370	1,746	6,138	4,467	1,350	1,746	3,233	4,467	20	
Mid-Continent Regional Educational Laboratory	720	938	957	869	720	938	957	869	.....	
New Mexico:										
Southwestern Cooperative Educational Laboratory	791	862	956	1,097	752	862	956	1,097	39	
New York:										
Center for Urban Education	2,675	2,646	2,600	2,000	2,675	2,646	2,600	2,000	.....	
Policy Research Center[d]	439	587	689	822	439	587	689	822	.....	
Eastern Regional Institute for Education	947	999	944	408	943	999	944	408	4	
North Carolina:										
National Laboratory for Higher Education[a]	698	820	1,152	1,170	694	820	1,152	1,170	4	
Oregon:										
Northwest Regional Educational Laboratory	1,566	1,763	1,841	2,472	1,544	1,763	1,841	2,472	22	
Pennsylvania:										
Research for Better Schools, Inc.	2,094	2,757	3,397	3,526	2,089	2,700	3,397	3,526	5	
Texas:										
Southwest Educational Development Laboratory	1,452	1,843	6,363	2,160	1,400	1,710	2,263	2,160	52	
Virginia:										
Institute for Defense Analyses	11,941	12,388	11,859	12,660	11,941	12,388	11,859	12,660	.....	
Research Analysis Corporation	10,308	9,915	9,524	9,278	10,308	9,915	9,524	9,278	.....	
Human Resources Research Organization[a]	.....	.....	4,291	4,007	.....	.....	4,291	4,007	.....	
Analytical Services, Inc.	1,495	1,180	1,659	2,256	1,495	1,180	1,659	2,256	.....	
Washington:										
Pacific Northwest Laboratory	46,943	55,258	62,119	19,391	42,851	49,613	56,727	17,659	4,092	
West Virginia:										
Appalachia Educational Laboratory	994	916	1,126	975	994	896	1,126	975	.....	

[a]Discontinued in FY 1970
[b]Administered by Stanford Research Institute.
[c]Administered by Illinois Institute of Technology Research Institute.
[d]Administered by Syracuse University Research Corporation.
[e]Formerly known as Regional Educational Laborat
[f]Was "university administered" prior to fiscal ye
years.
SOURCE: National Science Foundation (CASE).

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Federal obligations for research and development and R&D plant to Federally Funded Research and Development Centers, administered by nonprofit institutions, fiscal years 1968-71 (cont.)

[Dollars in thousands]

	Total Federal obligations				Research and development				R&D plant				Sponsoring agency
	1968	1969	1970	1971	1968	1969	1970	1971	1968	1969	1970	1971	
[illegible]*	853	385	.....	.....	800	385	.....	.....	53	.....	.....	.....	HEW (OE)
[illegible]	678	800	958	733	678	800	958	733	.....	.....	.....	.....	HEW (OE)
[illegible]	1,370	1,746	6,138	4,462	1,350	1,746	3,233	4,462	20	.....	2,905	.....	HEW (OE)
[illegible]	730	938	957	869	730	938	957	869	.....	.....	.....	.....	HEW (OE)
[illegible]	791	862	956	1,097	752	862	956	1,097	39	.....	.....	.....	HEW (OE)
	2,675	2,646	2,600	2,000	2,675	2,646	2,600	2,000	.....	.....	.....	.....	HEW (OE)
	499	587	689	822	499	587	689	822	.....	.....	.....	.....	HEW (OE)
	947	999	844	408	943	999	844	408	4	.....	.....	.....	HEW (OE)
	698	820	1,152	1,170	694	820	1,152	1,170	4	.....	.....	.....	HEW (OE)
	1,566	1,763	1,841	2,472	1,544	1,763	1,841	2,472	22	.....	.....	.....	HEW (OE)
	2,094	2,757	3,397	3,526	2,089	2,700	3,397	3,526	5	57	.....	.....	HEW (OE)
[illegible]	1,452	1,843	6,363	2,160	1,400	1,710	2,263	2,160	52	133	4,100	.....	HEW (OE)
	11,941	12,388	11,859	12,660	11,941	12,388	11,859	12,660	.....	.....	.....	.....	DOD (Office of the Secretary)
	10,308	9,915	9,524	9,278	10,308	9,915	9,524	9,278	.....	.....	.....	.....	DOD (Army)
	.....	.....	4,291	4,007	.....	.....	4,291	4,007	.....	.....	.....	.....	DOD (Army)
	1,495	1,180	1,659	2,256	1,495	1,180	1,659	2,256	.....	.....	.....	.....	DOD (Air Force)
	46,943	55,258	62,119	19,391	42,851	49,613	56,727	17,659	4,092	5,645	5,392	1,732	AEC
	994	916	1,126	975	994	896	1,126	975	.....	20	.....	.....	HEW (OE)

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*Formerly known as Regional Educational Laboratory for the Carolinas and Virginia.
†Was "university administered" prior to fiscal year 1970. See part II, section 2 for data for those years.
SOURCE: National Science Foundation (CASE).

APPENDIXES

A. Technical Notes
B. Statistical Tables

APPENDIX A

Technical Notes

CONCEPTS AND LIMITATIONS

The dollar totals in this report represent obligations to academic institutions, selected other nonprofit organizations, and associated Federally Funded Research and Development Centers (FFRDC's), incurred by 14 Federal agencies. Data on academic institutions and their associated FFRDC's are extracted from the CASE data collection system established by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. Data on other nonprofit organizations were collected separately.

The present data collection system used for CASE reporting represents an amalgamation of two distinct systems used in previous years. Refinements made in reporting concepts and categories should be noted when category totals for 1971 are compared with those for previous years. To the extent that "general support for science" funds are ultimately directed into "research and development" or any of the other specific academic science areas, category totals as published in previous reports in this series are not comparable with those published in this report. In trend tables and charts in this report, however, adjustments were made to data for prior years in order to make the data comparable.

Note also that the field of science distribution of some $62 million in R&D obligations and $28 million in fellowship and training obligations from NIH was estimated on the basis of 1970 data reported by NIH. Because of the significant margin of error at the institution level, field of science totals for individual institutions are not shown in this report.

Data for three of the reporting agencies - the Agency for International Development, and the Departments of Housing and Urban Development and Labor - are combined for the purpose of tabular presentation. These units constitute the "other" category used as the final column heading in tables showing agency detail.

Dollar totals reflect actual obligations by the reporting agency during a fiscal year (July 1 to June 30) regardless of when funds were spent by a recipient.[1] Certain allocations for financial assistance by Federal agencies were excluded from the study, notably loans such as those made by the Office of Education for undergraduate and graduate construction, and agency support of Federal employee training and development activities. Obligations were reported in amounts rounded to the nearest thousand dollars.

Data for individual institutions represent direct support from Federal agencies and, therefore, do not make allowances for amounts subcontracted to or from other institutions. Consequently, the location of actual performance of obligated amounts cannot be identified if that performance [illegible] some site other than that of the institution to w[hich] obligated. In cases of interagency transfers of fun[ds] that made the final distribution of the funds to [the] tutions reported the obligations.

Federal obligations to university "systems" [illegible] terms of the individual institutions comprising [the] listed separately are Federal dollars awarded dire[ctly] ministrative center of a system. However, where t[he] tion of funds is not known at the time the award [is] cies report the funds as obligations to the syste[m] tive office, or "central system." In many case[s] funds are distributed by the system's central offic[e] institutions. To the extent this filtering effect [is] amounts reported for the individual institutions w[ill] may be understated. Central system obligations in [fact] reported for the following:

- Maricopa County Junior Colleges System
- Claremont Colleges System
- Peralta Junior College District System
- San Diego Junior Colleges System
- University of California System
- State University System of Florida
- University of Illinois System
- Indiana University System
- Louisiana State University System
- University of Missouri System
- University of Nebraska System
- University of Nevada System
- City University of New York System
- Columbia University System
- State University of New York System
- University of North Carolina System
- Oregon State Higher Education System
- University of Tennessee System
- Texas A&M University System
- University of Texas System
- Virginia Community College System
- University of Wisconsin System
- Wisconsin State University System
- University of Puerto Rico System

Among the categories of support reported by [agen]cies, amounts shown for individual institutions [do] indicate the way the funds are actually spent by [the] tions. For instance, the entire obligations by the [Department of] Defense were reported under research and de[velopment] though some of the funds were actually expended [for] facilities.

Sections 1 and 2 in part I of this report includ[e data] between obligation data and educational data o[n degrees] conferred over the academic year 1969-70. The [latter] compiled from degree data collected by the Offic[e of Education] in the Higher Education General Information Su[rvey]

[1] Data for the Atomic Energy Commission were provided in terms of costs rather than obligations but are treated as substantially the same thing in this analysis.

CONCEPTS AND LIMITATIONS

The dollar totals in this report represent obligations to academic institutions, selected other nonprofit organizations, and associated Federally Funded Research and Development Centers (FFRDC's), incurred by 14 Federal agencies. Data on academic institutions and their associated FFRDC's are extracted from the CASE data collection system established by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. Data on other nonprofit organizations were collected separately.

The present data collection system used for CASE reporting represents an amalgamation of two distinct systems used in previous years. Refinements made in reporting concepts and categories should be noted when category totals for 1971 are compared with those for previous years. To the extent that general support for science" funds are ultimately directed for "research and development" or any of the other specific academic science areas, category totals as published in previous reports in this series are not comparable with those published in this report. In trend tables and charts in this report, however, adjustments were made to data for prior years in order to make the data comparable.

Note also that the field of science distribution of some $6.2 million in R&D obligations and $28 million in fellowship and training obligations from NIH was estimated on the basis of 1970 data reported by NIH. Because of the significant margin of error at the institution level, field of science totals for individual institutions are not shown in this report.

Data for three of the reporting agencies - the Agency for International Development, and the Departments of Housing and Urban Development and Labor - are combined for the purpose of tabular presentation. These units constitute the "other" category used as the final column heading in tables showing agency detail.

Dollar totals reflect actual obligations by the reporting agency during a fiscal year (July 1 to June 30) regardless of when funds were spent by a recipient.[1] Certain allocations for financial assistance by Federal agencies were excluded from the study, notably loans such as those made by the Office of Education for undergraduate and graduate construction, and agency support of Federal employee training and development activities. Obligations were reported in amounts rounded to the nearest thousand dollars.

Data for individual institutions represent direct support from Federal agencies and, therefore, do not make allowances for amounts subcontracted to or from other institutions. Consequently, the location of actual performance of obligated amounts cannot be identified if that performance takes place at some site other than that of the institution to which funds are obligated. In cases of interagency transfers of funds, the agency that made the final distribution of the funds to academic institutions reported the obligations.

Federal obligations to university "systems" are shown in terms of the individual institutions comprising a system. Also listed separately are Federal dollars awarded directly to the administrative center of a system. However, where the final allocation of funds is not known at the time the award is made, agencies report the funds as obligations to the system's administrative office, or "central system." In many cases, the Federal funds are distributed by the system's central office to individual institutions. To the extent this filtering effect takes place, the amounts reported for the individual institutions within a system may be understated. Central system obligations in FY 1971 were reported for the following:

Maricopa County Junior Colleges System
Claremont Colleges System
Peralta Junior College District System
San Diego Junior Colleges System
University of California System
State University System of Florida
University of Illinois System
Indiana University System
Louisiana State University System
University of Missouri System
University of Nebraska System
University of Nevada System
City University of New York System
Columbia University System
State University of New York System
University of North Carolina System
Oregon State Higher Education System
University of Tennessee System
Texas A&M University System
University of Texas System
Virginia Community College System
University of Wisconsin System
Wisconsin State University System
University of Puerto Rico System

Among the categories of support reported by Federal agencies, amounts shown for individual institutions may not always indicate the way the funds are actually spent by these organizations. For instance, the entire obligations by the Department of Defense were reported under research and development, although some of the funds were actually expended for plant and facilities.

Sections 1 and 2 in part I of this report include comparisons between obligation data and educational data on total degrees conferred over the academic year 1969-70. These figures were compiled from degree data collected by the Office of Education in the Higher Education General Information Survey (HEGIS).

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[1] Data for the Atomic Energy Commission were provided in terms of costs rather than obligations but are treated as substantially the same thing in this analysis.

RELATIONSHIP OF THIS STUDY TO *FEDERAL FUNDS FOR RESEARCH, DEVELOPMENT, AND OTHER SCIENTIFIC ACTIVITIES*

Both this study and *Federal Funds for Research, Development, and Other Scientific Activities*,[2] obtain data on obligations by Federal agencies for research and development and R&D plant to universities, colleges, other nonprofit institutions, and their associated Federally Funded Research and Development Centers. This study is oriented toward obtaining information on total Federal support for individual institutions and selected nonprofit research organizations, while the *Federal Funds* study obtains data on research and development and R&D plant obligated by Federal agencies to each sector of the economy, including Government, industry, universities and colleges, and all other nonprofit organizations. In *Federal Funds*, the emphasis is on character of activity and field of science, rather than individual recipients.

In general, there is conformity of concepts and definitions used in the two studies. Note, however, that data do not and cannot conform in all respects. Information used in *Federal Funds* is based on the agencies' budgets which, of course, cannot show details on the recipients of funds.

For the purpose of this report, "selected nonprofit organizations" include primarily independent nonprofit research institutions. Omitted from this group are hospitals, academies of science, museums, professional and technical societies, and private philanthropic foundations all of which are included in the *Federal Funds* classification of nonprofit organizations. Also, since this study covers 14 Federal departments and agencies and *Federal Funds* obtains reports on a Government-wide basis, there is a difference representing the amounts obligated to institutions by agencies not in the CASE study.

Among other differences is the fact that the National Institutes of Health (NIH) reported its General Research Support Grants Program as research and development in *Federal Funds*, and "general support for science" in the CASE study. The National Science Foundation provided estimates to *Federal Funds* of amounts expended by universities for research and development and R&D plant from institution-based grants, university science development grants, departmental science development grants, and college science improvement grants. For individual institutions of higher education, the allocation of funds from these programs differ widely and, consequently, all of the Foundation's obligations for institutional grant and science development programs were reported as "general support for science" in the CASE study.

In cases of interagency transfers of funds, the present study instructs the agency that actually obligates funds to an academic institution to report the obligation. In *Federal Funds*, on the other hand, agencies initiating the interagency transfers report the obligated amounts.

[2] National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities, Fiscal Years 1971, 1972, and 1973*, Vol. XXI (NSF 72-317) Washington, D.C. 20402: Supt. of Documents, U.S. Government Printing Office, 1973.)

DEFINITIONS OF TERMS

University or college consists of all parts of the academic institution such as a college of liberal arts, professional school, hospital, school of agriculture, agricultural experiment station, etc. - except an associated Federally Funded Research and Development Center. Universities and colleges include all institutions of higher education in the United States that offer at least 2 years of college-level studies in residence. The universe of institutions for this report is based upon the Office of Education's Education Directory 1970-71. To be included in this report, an institution must have received some Federal support in fiscal year 1971 and must possess a significant degree of autonomy with respect to educational administrative responsibilities. Thus, universities and colleges organized under systems, e.g., groups of institutions collectively having legal status and generally accorded recognition by a State, by a board of education, or other relevant organization, are shown as separate institutions in cases where significant autonomy exists. Obligations to branches and campuses of institutions are not shown separately but are included in the total for the parent institutions. Obligations to service schools were excluded from the study. Also excluded were funds awarded to the U.S. Department of Agriculture Graduate School.

Nonprofit research institutions included in this study were limited to 74 selected independent research institutes and 27 nonprofit-administered FFRDC's. Compiled prior to the start of the 1971 survey, the list of research institutes sent to Federal agencies was made up of those institutions that were believed to be most likely to receive at least $300,000 in Federal R&D obligations for FY 1971. To assure as complete coverage as possible, the list includes several institutions that had funding levels below $300,000. Since the survey produced funding information on these smaller organizations, they are included in the report. Excluded from the study of selected nonprofit institutions are such nonprofit organizations as nonprofit hospitals, academies of sciences, professional and technical societies, museums, and philanthropic foundations.

FFRDC's in this report are organizational units managed by universities and colleges or other nonprofit institutions. Generally, these units have been established to meet a particular R&D need of a Federal agency. The Committee on Academic Science and Engineering (CASE) has developed uniform identification and classification criteria for use by all sponsoring agencies. To be classified as an FFRDC, an organization should:

(a) Perform primarily one or more of the following: basic research, applied research, development, or management of research and development. Specifically excluded are organizations engaged primarily in routine quality control and testing, routine service activities, production mapping and surveys, and information dissemination;

(b) Constitute a separate operational unit within the parent organization or be organized as a separately incorporated organization;

DEFINITIONS OF TERMS

University or college consists of all parts of the academic institution such as a college of liberal arts, professional school, hospital, school of agriculture, agricultural experiment station, etc., except an associated Federally Funded Research and Development Center. Universities and colleges include all institutions of higher education in the United States that offer at least 2 years of college-level studies in residence. The universe of institutions for this report is based upon the Office of Education's Education Directory 1970-71. To be included in this report, an institution must have received some Federal support in fiscal year 1971 and must possess a significant degree of autonomy with respect to educational administrative responsibilities. Thus, universities and colleges organized under systems, e.g., groups of institutions collectively having legal status and generally accorded recognition by a State, by a board of education, or other relevant organization, are shown as separate institutions in cases where significant autonomy exists. Obligations to branches and campuses of institutions are not shown separately but are included in the total for the parent institutions. Obligations to service schools were excluded from the study. Also excluded were funds awarded to the U.S. Department of Agriculture Graduate School.

Nonprofit research institutions included in this study were limited to 74 selected independent research institutes and 27 nonprofit-administered FFRDC's. Compiled prior to the start of the 1971 survey, the list of research institutes sent to Federal agencies was made up of those institutions that were believed to be most likely to receive at least $100,000 in Federal R&D obligations for FY 1971. To assure as complete coverage as possible, the list included several institutions that had funding levels below $100,000. Since the survey produced funding information on these smaller organizations, they are included in the report. Excluded from the study of selected nonprofit institutions are such nonprofit organizations as nonprofit hospitals, academies of sciences, professional and technical societies, museums, and philanthropic foundations.

FFRDC's in this report are organizational units managed by universities and colleges or other nonprofit institutions. Generally, these units have been established to meet a particular R&D need of a Federal agency. The Committee on Academic Science and Engineering (COASE) has developed uniform identification and classification criteria for use by all sponsoring agencies. To be classified as an FFRDC, an organization should:

(a) Perform primarily one or more of the following: basic research, applied research, development, or management of research and development. Specifically excluded are organizations engaged primarily in routine quality control and testing, routine service activities, production mapping and surveys, and information dissemination;

(b) Constitute a separate operational unit within the parent organization or be organized as a separately incorporated organization;

(c) Perform actual research and development or R&D management either upon direct request of the Government or under a broad charter from the Government, but in either case under the direct monitorship of the Government;

(d) Receive its major financial support – 70 percent or more – from the Federal Government, usually from one agency;

(e) Have, or be expected to have, a long-term relationship – about 5 years or more – with its sponsoring agency, as evidenced by the specific obligations it and the agency assume;

(f) Be established in the contract so that most or all of the facilities are owned or funded by the Government; and,

(g) Have an average annual budget, including operating and capital equipment, of at least $500,000.

Included in this report are 31 FFRDC's administered by universities and colleges and 27 FFRDC's administered by other nonprofit institutions. Of the 31 FFRDC's associated with universities and colleges in 1971, 23 are administered by specified universities; seven are managed solely by university consortia; and one, Argonne National Laboratory, is managed jointly by the University of Chicago and Argonne Universities Association.

Academic science includes the sum of activities classified under six categories: research and development; R&D plant; facilities and equipment for instruction in science and engineering; fellowships, traineeships, and training grants; general support for science; and other science activities. Each of these categories is defined below.

Research is defined as scientific inquiry. It includes basic studies – those oriented toward deeper or more meaningful understanding and knowledge per se in a particular subject or field; and applied studies – those aimed at new or more complete knowledge in the light of potential practical application.

Development is the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. It excludes quality control, routine product testing, and production.

R&D plant includes all direct, indirect, incidental, or related costs resulting from, or necessary to the construction of, acquisition of, major repair to, or alterations in structures, works, fixed equipment, facilities, or land for use in scientific research and development. Fixed equipment includes accelerators, reactors, wind tunnels, radio telescopes, etc.

Facilities and equipment for instruction in science and engineering include all direct, indirect, incidental or other costs relating to the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

Fellowships, traineeships, and training grants include all awards (stipends and cost-of-education allowances) for the training of individuals or groups of individuals to meet the future demand for scientific and technical manpower. *Excluded* from this category are funds for research institutes, seminars, and conferences; educational institutes, seminars, and conferences; and the development of educational techniques or materials.

General support for science includes activities which provide support for nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole. "General support" implies a spectrum of varying types of support. At one extreme is support provided without any specification of purpose other than that funds be used for scientific activities. Another kind of "general support" is to be found in projects that provide funds for activity within a specified field of science or engineering but without specification of explicit purpose. The distinguishing feature of "general support for science" projects is that they permit a significant measure of discretion as to purpose (research, faculty support, educational support, etc.).

Among the projects reported under the category "General Support for Science" were projects awarded through the following agency programs:

- dIH General Research Support Grants
- dIH Health Sciences Advancement Awards
- dIH Biomedical Sciences Support Grants
- dSF Institutional Grants for Science
- dSF Science Development Program
- dSF College Science Improvement Program
- dSF Cooperative College - School Science Program

Other science activities include USDA's cooperative extension programs; educational or research institutes, seminars, or conferences; and other science activities not included in one of the other five academic science categories.

Nonscience activities include all other programs not included in the six science categories defined above.

Fields of Science

Science and engineering represent the sum of all fields of science and engineering. These are divided into eight broad categories each consisting of a number of fields. Shown below are definitions of each broad field together with an illustrative list of disciplines under each of the subfields.

(a) **Physical sciences** are concerned with the understanding of the material universe and its phenomena. They comprise the fields of astronomy, chemistry, physics, and physical sciences not elsewhere classified. Examples of the disciplines under each of these fields follow.

Astronomy:
Laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; X-ray, gamma-ray, neutrino astronomy.

Chemistry:
Inorganic; organo-metallic; organic; physical.

Physics:
Acoustics; atomic and molecular; condensed matter; elementary particles; nuclear structure; optics; plasma.

Physical sciences, n.e.c.[*]

(b) **Mathematics** employs logical reasoning with the aid of symbols and is concerned with the development of methods of operation employing such symbols. Examples of mathematical disciplines are:

Algebra; analysis; applied mathematics; computer science; foundations and logic; geometry; numerical analysis; statistics; and topology.

(c) **Environmental sciences** (terrestrial and extraterrestrial) are concerned with the gross nonbiological properties of the areas of the solar system which directly or indirectly affect man's survival and welfare. They comprise the fields of atmospheric sciences, geological sciences, oceanography, and environmental sciences not elsewhere classified. Examples of the disciplines under each of these fields are

Atmospheric sciences:
Aeronomy; solar; weather modification; extraterrestrial atmospheres; meteorology.

Geological sciences:
Engineering geophysics; general geology; geodesy and gravity; geomagnetism; hydrology; inorganic geochemistry; isotopic geochemistry; organic geochemistry; laboratory geophysics; paleomagnetism; paleontology; physical geography and cartography; seismology; soil sciences.

Oceanography:
Chemical oceanography; geological oceanography; physical oceanography; marine geophysics.

Environmental sciences, n.e.c.[*]

(d) **Engineering** is concerned with studies directed toward developing engineering principles or toward making specific scientific principles usable in engineering practice. Engineering is divided into eight categories: Aeronautical, astronautical, chemical, civil, electrical, mechanical, metallurgy and materials, and engineering not elsewhere classified. Examples of disciplines under each of these engineering fields are

[*]Not elsewhere classified. This category includes multidisciplinary projects within the broad field and single discipline projects for which a separate field has not been assigned.

Astronomy:
Laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; X-ray, gamma-ray, neutrino astronomy.

Chemistry:
Inorganic; organo-metallic; organic; physical.

Physics:
Acoustics; atomic and molecular; condensed matter; elementary particles; nuclear structure; optics; plasma.

Physical sciences, n.e.c.:[a]

(b) **Mathematics** employs logical reasoning with the aid of symbols and is concerned with the development of methods of operation employing such symbols. Examples of mathematical disciplines are:

Algebra; analysis; applied mathematics; computer science; foundations and logic; geometry; numerical analysis; statistics; and topology.

(c) **Environmental sciences** (terrestrial and extraterrestrial) are concerned with the gross nonbiological properties of the areas of the solar system which directly or indirectly affect man's survival and welfare. They comprise the fields of atmospheric sciences, geological sciences, oceanography, and environmental sciences not elsewhere classified. Examples of the disciplines under each of these fields are:

Atmospheric sciences:
Aeronomy; solar, weather modification; extraterrestrial atmospheres; meteorology.

Geological sciences:
Engineering geophysics; general geology; geodesy and gravity; geomagnetism; hydrology; inorganic geochemistry; isotopic geochemistry; organic geochemistry; laboratory geophysics; paleomagnetism; paleontology; physical geography and cartography; seismology; soil sciences.

Oceanography:
Chemical oceanography; geological oceanography; physical oceanography; marine geophysics.

Environmental sciences, n.e.c.:[a]

(d) **Engineering** is concerned with studies directed toward developing engineering principles or toward making specific scientific principles usable in engineering practice. Engineering is divided into eight categories: Aeronautical, astronautical, chemical, civil, electrical, mechanical, metallurgy and materials, and engineering not elsewhere classified. Examples of disciplines under each of these engineering fields are:

Aeronautical:
Aerodynamics.

Astronautical:
Aerospace; space technology.

Chemical:
Petroleum; petroleum refining; process.

Civil:
Architectural; hydraulic; hydrologic; marine; sanitary and environmental; structural; transportation.

Electrical:
Communication; electronic; power.

Mechanical:
Engineering mechanics.

Metallurgy and materials:
Ceramic; mining; textile; welding.

Engineering, n.e.c.:[a]
Agricultural; industrial and management; nuclear; ocean engineering; systems.

(e) **Life sciences** consist of the biological, clinical medical, other medical sciences and life sciences not elsewhere classified.

Biological sciences are those which, apart from the clinical medical and other medical sciences defined below, deal with the origin, development, structure, function, and interaction of living things. The agricultural and basic medical sciences are included. Examples of biological sciences are:

Anatomy; animal sciences; bacteriology; biochemistry; biogeography; biological oceanography; biophysics; ecology; embryology; entomology; evolutionary biology; genetics; immunology; microbiology; nutrition and metabolism; parasitology; pharmacology; physical anthropology; physiology; plant sciences; radiobiology; systematics.

Clinical medical sciences are concerned with the study of the pathogenesis, diagnosis or therapy of a particular disease or abnormal condition in living human subjects under controlled conditions.

Other medical sciences are concerned with studies of the cause, effects, prevention, or control of abnormal conditions in man or in his environment as it relates to health, except for the clinical aspects as defined above.

Life sciences, n.e.c.:[a]

(f) **Psychology** deals with behavior, mental processes, and individual and group characteristics and abilities. Psychology is divided into three categories: biological aspects, social aspects, and psychological sciences not elsewhere classified. Examples of the disciplines under each of these fields are:

Biological aspects:
Experimental psychology; animal behavior; clinical psychology; comparative psychology; ethology.

Social aspects:
Social psychology; educational, personnel, vocational psychology and testing; industrial and engineering psychology; development and personality.

---

[a]Not elsewhere classified. This category includes multidisciplinary projects within the broad field and single disciplinary projects for which a separate field has not been assigned.

Psychological sciences, n.e.c.

(g) **Social sciences** are directed toward an understanding of the behavior of social institutions and of individuals as members of a group. These include anthropology, economics, history, linguistics, political science, sociology, and social sciences not elsewhere classified. Examples of the disciplines under each of these fields are

Anthropology:
Archaeology; cultural and personality; social and ethnology; applied anthropology.

Economics:
Econometrics and economic statistics; history of economic thought; international economics; industrial, labor and agricultural economics; macroeconomics; microeconomics; public finance and fiscal policy; theory.

History:
Cultural; political; social; history and philosophy of science.

Linguistics:
Anthropological-archaeological; computational; psycholinguistics; sociolinguistics.

Political science:
Area or regional studies; comparative government; history of political ideas; international relations and law; national political and legal systems; political theory; public administration.

Sociology:
Comparative and historical complex organizations; culture and social structure; demography; group interactions; social problems and social welfare; sociological theory.

Social sciences, n.e.c.
Research in law and education, n.e.c.; socioeconomic geography.

(h) **Other sciences not elsewhere classified** for this report include single projects as well as multidisciplinary and interdisciplinary projects that could not be classified within one of the above broad fields of science.

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FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES

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[Dollars in millions]

Program and year	Total	USDA	AEC	Commerce	DOD	OEO	EPA	HEW	Interior	NASA	NSF	DOT	Other[a]
Total Federal obligations:													
1963	1,413.0	104.0	76.1	1.8	218.0	.....	.....	665.3	4.0	87.4	256.3	.....	.....
1964	1,625.0	115.0	79.9	1.7	258.1	.....	.....	780.0	5.3	107.6	277.5	.....	.....
1965	2,305.5	135.6	84.4	2.6	267.9	.....	.....	1,345.6	9.7	134.3	325.2	.....	.....
1966	3,010.0	141.0	96.9	2.8	278.0	.....	.....	1,952.2	22.4	142.2	374.5	.....	.....
1967	3,311.1	144.8	109.6	7.9	264.1	.....	.....	2,231.2	27.4	131.5	394.5	.....	.....
1968	3,379.7	144.2	119.7	9.8	243.1	54.7	.....	2,215.2	28.2	129.8	422.8	3.8	8.4
1969	3,453.3	155.9	121.0	3.9	278.7	60.4	.....	2,293.4	24.3	127.2	367.0	NA	21.4
1970	3,226.7	182.1	114.5	4.9	265.5	35.6	.....	2,051.0	27.7	131.2	387.4	10.1	16.6
1971	3,480.2	214.6	105.8	9.7	241.8	37.5	27.2	2,263.4	22.6	134.1	387.7	10.8	25.0
Academic science obligations:													
1963	1,328.5	104.0	76.1	1.8	218.0	.....	.....	581.0	3.8	87.4	256.3	.....	.....
1964	1,528.6	115.0	79.9	1.7	258.1	.....	.....	683.8	5.1	107.6	277.5	.....	.....
1965	1,816.2	135.6	84.4	2.6	267.9	.....	.....	856.5	9.6	134.3	325.2	.....	.....
1966	2,163.5	141.0	96.9	2.8	278.0	.....	.....	1,109.2	19.1	142.2	374.5	.....	.....
1967	2,323.8	144.8	109.6	4.4	264.1	.....	.....	1,251.0	23.9	131.5	394.5	.....	.....
1968	2,349.8	144.2	119.7	8.0	243.1	12.5	.....	1,229.4	28.2	129.8	422.8	3.7	8.4
1969	2,361.4	155.9	121.0	2.2	278.7	9.3	.....	1,261.8	24.3	127.2	367.0	NA	14.0
1970	2,187.6	182.1	114.5	3.9	265.5	18.9	27.2	1,036.7	27.7	131.2	387.4	10.1	9.6
1971	2,335.9	214.6	105.8	7.6	241.8	16.4	.....	1,142.3	22.6	134.1	387.7	10.8	25.0
Research and development:													
1963	829.5	40.6	68.3	1.5	218.0	.....	.....	332.9	3.8	59.8	104.6	.....	.....
1964	975.6	47.5	70.5	1.1	258.1	.....	.....	399.2	5.0	78.2	115.8	.....	.....
1965	1,095.0	59.1	74.8	2.1	267.9	.....	.....	441.9	9.5	100.6	139.2	.....	.....
1966	1,252.1	62.9	83.2	2.1	278.0	.....	.....	507.3	18.7	107.4	192.5	.....	.....
1967	1,301.2	64.0	89.7	3.4	264.1	.....	.....	577.0	23.9	109.0	170.2	.....	.....
1968	1,398.3	62.2	101.8	6.7	243.1	12.5	.....	619.1	27.8	126.1	187.7	3.7	7.6
1969	1,474.7	63.6	103.1	1.7	278.7	9.3	.....	667.1	23.5	122.3	191.5	NA	13.9
1970	1,446.6	67.4	101.4	3.2	265.5	18.9	.....	614.9	27.1	127.4	201.2	10.1	9.6
1971	1,544.1	74.8	95.9	6.9	241.8	16.4	17.0	695.7	21.3	128.5	216.9	8.0	21.0
R&D plant:													
1963	105.9	.....	2.6	.....	.....	.....	.....	39.2	.1	13.4	50.6	.....	.....
1964	100.8	.....	4.0	.....	.....	.....	.....	39.9	.....	9.1	47.8	.....	.....
1965	126.2	3.2	3.8	.....	.....	.....	.....	54.8	(b)	8.4	56.0	.....	.....
1966	114.8	2.0	7.4	.....	.....	.....	.....	48.5	.2	7.4	49.3	.....	.....
1967	111.3	2.0	13.8	.3	.....	.....	.....	38.1	.....	5.0	52.1	.....	.....
1968	96.1	1.9	11.9	.2	.....	.....	.....	36.9	.....	.....	45.3	.....	.....
1969	54.5	1.2	11.4	.....	.....	.....	.....	20.5	.....	.....	21.4	NA	.....
1970	44.8	1.1	7.1	(b)	.....	.....	.....	20.0	.....	.....	16.5	.....	.....
1971	29.9	.....	4.8	.....	.....	.....	.....	15.2	.....	.2	9.7	.....	.....
Other science activities:													
1963	393.1	63.4	5.3	.3	.....	.....	.....	208.9	(b)	14.1	101.1	.....	.....
1964	452.2	67.5	5.4	.6	.....	.....	.....	244.6	(b)	20.2	113.9	.....	.....
1965	595.0	73.3	5.9	.6	.....	.....	.....	359.8	(b)	25.4	130.1	.....	.....
1966	796.6	76.1	6.3	.7	.....	.....	.....	553.3	.2	27.3	132.7	.....	.....
1967	911.2	78.8	6.2	.7	.....	.....	.....	635.9	(b)	17.4	172.3	.....	.....
1968	855.4	80.1	6.1	1.0	.....	.....	.....	573.4	.4	3.7	189.9	(b)	.8
1969	832.2	91.1	6.9	.5	(b)	.....	.....	574.1	.9	5.0	154.1	NA	.1
1970	696.2	113.5	5.9	.7	(b)	.....	.....	401.9	.6	3.8	169.7	.....	.....
1971	761.8	139.8	5.2	.8	.....	.....	10.1	431.5	1.3	5.3	161.1	2.8	3.9
Nonscience activities:													
1963	84.5	.....	.....	.....	.....	.....	.....	84.3	.2	.....	.....	.....	.....
1964	96.4	.....	.....	.....	.....	.....	.....	96.2	.2	.....	.....	.....	.....
1965	489.3	(b)	.....	.....	.....	.....	.....	489.1	.1	.....	.....	.....	.....
1966	846.4	(b)	.....	.....	.....	.....	.....	843.1	3.4	.....	.....	.....	.....
1967	987.3	(b)	.....	3.5	.....	.....	.....	980.2	3.5	.....	.....	.....	.....
1968	1,029.9	.....	.....	1.8	.....	42.2	.....	985.8	.....	.....	.....	.1	.....
1969	1,091.9	.....	.....	1.8	(b)	51.1	.....	1,031.6	.....	.....	.....	NA	7.4
1970	1,039.2	.....	.....	1.0	(b)	16.7	.....	1,014.3	.....	.....	.....	.....	7.1
1971	1,144.3	.....	.....	2.0	.....	21.1	.....	1,121.1	(b)	.....	.....	.....	.....

[a] Includes AID, HUD, and Labor.
[b] Less than $50,000.
NOTE: NA - Not available.
SOURCE: National Science Foundation (CASE).

Table B-2. Federal obligations to universities and colleges, by agency and type of activity, FY 1971

[Dollars in thousands]

Agency	Total obligations	Academic science							Nonscience activities
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	
Total, all agencies	3,480,150	2,335,868	1,544,130	29,942	28,729	421,029	99,669	212,369	1,144,282
Department of Agriculture	214,597	214,597	74,793	.....	325	.....	.....	139,479	.....
Atomic Energy Commission	105,836	105,836	95,862	4,800	2,300	2,606	.....	268	.....
Department of Commerce	9,673	7,637	6,887	.....	.....	25	221	504	2,036
Department of Defense	241,773	241,773	241,773	.....	.....	.....	.....	.....	.....
Office of Economic Opportunity	37,521	16,378	16,378	.....	.....	.....	.....	.....	[a]21,143
Environmental Protection Agency	27,160	27,160	17,027	.....	.....	10,133	.....	.....	.....
Department of Health, Education, and Welfare	2,263,406	1,142,338	695,717	15,169	13,908	361,440	40,209	15,895	1,121,068
Department of the Interior	22,617	22,582	21,277	.....	129	38	1,138	.....	35
National Aeronautics and Space Administration	134,054	134,054	128,531	235	.....	1,044	.....	4,244	.....
National Science Foundation	387,737	387,737	216,883	9,738	12,067	42,293	56,892	49,864	.....
Department of Transportation	10,824	10,824	7,977	.....	.....	2,847	.....	.....	.....
Other[a]	24,952	24,952	21,025	.....	.....	603	1,209	2,115	.....

[a]Includes AID, HUD, and Labor.

SOURCE: National Science Foundation (CASE).

Table B-3. Obligations by the Department of Health, Education, and Welfare to universities and colleges, by subdivision and type of activity, FY 1971

[Dollars in thousands]

Subdivision	Total obligations	Academic science							Nonscience activities
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	
Total	2,263,406	1,142,338	695,717	15,169	13,908	361,440	40,209	15,895	1,121,068
National Institutes of Health	1,154,815	797,072	571,448	15,169	.....	168,656	40,209	1,590	357,743
Health Services and Mental Health Administration	299,509	179,492	75,722	.....	.....	98,644	.....	5,126	120,017
Office of Education	697,395	101,293	26,175	.....	13,908	52,374	.....	8,836	596,102
Social & Rehabilitation Service	55,787	55,787	15,380	.....	.....	40,407	.....	.....	.....
Social Security Administration	386	386	386	.....	.....	.....	.....	.....	.....
Food and Drug Administration	8,308	8,308	6,606	.....	.....	1,359	.....	343	.....
Other HEW	47,206	.....	.....	.....	.....	.....	.....	.....	47,206

SOURCE: National Science Foundation (CASE).

Table B-4. Obligations by the Department of Defense to universities and colleges, by subdivision and type of activity, FY 1971

[Dollars in thousands]

National Aeronautics and Space Administration	134,054	134,054	128,531	235	.....	1,044	.....	4,244	.....
National Science Foundation	387,737	387,737	216,883	9,738	12,067	42,293	56,892	49,864	.....
Department of Transportation	10,824	10,824	7,977	.....	.....	2,847	.....	.....	.....
Other[a]	24,952	24,952	21,025	.....	.....	603	1,209	2,115	.....

[a]Includes AID, HUD, and Labor.
SOURCE: National Science Foundation (CASE).

Table B-3. Obligations by the Department of Health, Education, and Welfare to universities and colleges, by subdivision and type of activity, FY 1971

[Dollars in thousands]

Subdivision	Total obligations	Academic science							
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	Nonscience activities
Total	2,263,406	1,142,338	695,717	15,169	13,908	361,440	40,209	15,895	1,121,068
National Institutes of Health	1,154,815	797,072	571,448	15,169	.....	168,656	40,209	1,590	357,743
Health Services and Mental Health Administration	299,509	179,492	75,722	.....	.....	98,644	.....	5,126	120,017
Office of Education	697,395	101,293	26,175	.....	13,908	52,374	.....	8,836	596,102
Social & Rehabilitation Service	55,787	55,787	15,380	.....	.....	40,407	.....	.....	.....
Social Security Administration	386	386	386	.....	.....	.....	.....	.....	.....
Food and Drug Administration	8,308	8,308	6,606	.....	.....	1,359	.....	343	.....
Other HEW	47,206	.....	.....	.....	.....	.....	.....	.....	47,206

SOURCE: National Science Foundation (CASE).

Table B-4. Obligations by the Department of Defense to universities and colleges, by subdivision and type of activity, FY 1971

[Dollars in thousands]

Subdivision	Total obligations	Academic science							
		Total academic science	Research and development	R&D plant	Facilities and equipment for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science	Other science activities	Nonscience activities
Total	241,773	241,773	241,773[a]	.....	.....	.....	.....	.....	.....
Army	57,416	57,416	57,416	.....	.....	.....	.....	.....	.....
Navy	88,733	88,733	88,733	.....	.....	.....	.....	.....	.....
Air Force	79,895	79,895	79,895	.....	.....	.....	.....	.....	.....
Other DOD	15,729	15,729	15,729	.....	.....	.....	.....	.....	.....

[a]Includes some R&D plant funding which could not be reported separately.
SOURCE: National Science Foundation (CASE).

TABLE B-5

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
UNITED STATES, TOTAL	AMT	3,480,150	2,335,868	1,944,130	29,942	28,729	421,029	99,669	212,369	1,144,282
	NO.	2,368	1,274	577	86	456	799	714	909	2,344
NEW ENGLAND, TOTAL	AMT	341,295	279,233	239,694	3,828	3,240	43,526	7,877	11,068	62,062
	NO.	221	114	54	9	37	76	61	40	217
MAINE	AMT	6,832	3,308	1,351	0	27	423	115	1,392	3,524
	NO.	20	10	3	0	4	5	4	4	20
NEW HAMPSHIRE	AMT	19,357	11,903	6,683	1,697	141	1,408	445	1,529	7,454
	NO.	21	11	4	1	6	6	3	4	20
VERMONT	AMT	10,221	6,478	4,036	0	81	1,310	267	778	3,743
	NO.	18	11	4	0	3	10	2	1	18
MASSACHUSETTS	AMT	231,515	200,113	158,823	1,801	2,441	28,131	3,675	5,242	31,402
	NO.	112	55	28	6	11	38	36	23	110
RHODE ISLAND	AMT	16,188	12,520	9,471	72	391	1,413	482	731	3,668
	NO.	13	7	3	1	3	9	5	2	13
CONNECTICUT	AMT	57,182	44,911	29,330	258	199	10,839	2,893	1,396	12,271
	NO.	37	20	12	1	10	12	11	6	36
MIDDLE ATLANTIC, TOTAL	AMT	569,573	403,050	271,958	3,689	3,796	82,999	19,595	21,013	166,523
	NO.	376	219	103	17	61	130	133	97	367
NEW YORK	AMT	339,996	251,126	173,165	3,387	2,422	52,729	9,599	9,824	88,870
	NO.	202	111	61	9	27	67	74	44	195
NEW JERSEY	AMT	55,629	34,758	23,974	137	327	4,783	2,505	3,032	20,871
	NO.	50	28	11	3	8	17	16	25	49
PENNSYLVANIA	AMT	173,948	117,166	74,819	165	1,047	25,487	7,491	8,157	56,782
	NO.	124	80	31	5	26	46	43	28	123
EAST NORTH CENTRAL, TOTAL	AMT	529,890	376,250	248,033	1,613	2,836	72,193	12,887	38,688	153,640
	NO.	362	180	89	12	77	112	103	67	359
OHIO	AMT	110,017	72,005	40,384	103	651	15,469	2,277	13,121	38,012
	NO.	81	43	25	2	16	32	29	19	81
INDIANA	AMT	64,773	44,935	28,400	322	209	7,429	2,595	5,980	19,838
	NO.	45	23	8	3	6	14	14	10	42
ILLINOIS	AMT	194,082	113,627	81,154	664	530	21,760	2,626	6,893	40,455
	NO.	107	47	21	4	20	27	28	17	107
MICHIGAN	AMT	121,246	85,651	57,543	388	791	16,418	2,599	7,912	35,595
	NO.	79	32	17	2	13	21	21	9	79
WISCONSIN	AMT	79,772	60,032	40,552	136	655	11,117	2,790	4,782	19,740
	NO.	52	35	15	1	22	18	11	12	50
WEST NORTH CENTRAL, TOTAL	AMT	319,180	168,660	95,910	5,689	1,129	33,257	8,903	23,772	146,520
	NO.	266	129	52	8	49	83	69	51	266
MINNESOTA	AMT	84,098	46,361	26,948	2,983	264	9,646	1,392	5,168	37,737
	NO.	50	27	7	1	9	18	13	9	50
IOWA	AMT	53,272	29,290	15,810	462	184	5,031	3,051	4,752	23,982
	NO.	49	25	10	1	12	13	11	12	49
MISSOURI	AMT	94,021	51,285	31,993	1,375	239	11,211	1,983	4,884	42,736
	NO.	60	31	13	2	12	19	17	14	60
NORTH DAKOTA	AMT	10,119	5,163	2,437	0	47	633	216	1,830	4,956
	NO.	12	5	3	0	2	4	3	3	12
SOUTH DAKOTA	AMT	11,277	5,873	2,918	0	110	928	388	1,931	5,404
	NO.	16	10	5	0	5	9	7	4	16
NEBRASKA	AMT	28,371	10,907	5,295	854	128	1,997	385	2,248	17,464
	NO.	28	13	6	2	4	9	8	4	28
KANSAS	AMT	34,022	19,781	10,909	15	197	4,213	1,528	2,959	14,241
	NO.	51	18	8	2	5	11	10	5	51

TABLE B-5
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
SOUTH ATLANTIC, TOTAL	AMT	508,571	297,717	180,196	550	4,640	60,591	14,996	36,784	210,854
	NO.	391	198	78	11	69	134	104	67	387
DELAWARE	AMT	3,570	3,864	1,981	0	78	413	521	951	1,706
	NO.	7	5	2	0	5	3	2	2	7
MARYLAND	AMT	80,129	62,790	45,062	89	254	12,209	2,391	2,785	17,339
	NO.	45	22	10	2	6	17	8	6	45
DIST. OF COLUMBIA	AMT	98,447	25,320	16,730	0	136	5,819	1,011	1,624	73,127
	NO.	14	10	9	0	4	8	9	7	14
VIRGINIA	AMT	44,989	27,918	14,901	14	471	5,826	1,383	5,263	17,071
	NO.	56	30	12	2	9	19	20	9	54
WEST VIRGINIA	AMT	19,759	9,419	3,918	46	386	1,999	452	2,658	10,340
	NO.	28	12	3	1	6	9	7	3	20
NORTH CAROLINA	AMT	104,894	74,728	43,309	299	877	19,998	5,202	9,443	30,166
	NO.	92	36	12	3	8	28	14	12	92
SOUTH CAROLINA	AMT	24,087	11,102	4,496	0	368	1,945	372	3,921	12,985
	NO.	42	22	9	0	9	13	12	9	41
GEORGIA	AMT	57,734	34,985	19,617	0	428	6,749	2,030	6,165	22,749
	NO.	57	29	11	0	8	22	13	15	56
FLORIDA	AMT	72,962	47,591	30,202	102	1,642	10,077	1,994	3,974	25,371
	NO.	56	32	14	3	14	19	17	8	58
EAST SOUTH CENTRAL, TOTAL	AMT	194,765	95,610	52,075	89	1,940	16,934	4,231	21,141	99,155
	NO.	175	93	34	1	33	59	93	37	179
KENTUCKY	AMT	39,877	18,907	9,060	0	562	3,223	697	4,865	17,370
	NO.	38	21	6	0	8	18	12	7	38
TENNESSEE	AMT	75,463	38,009	21,934	89	183	8,146	1,809	6,948	37,454
	NO.	98	28	12	1	8	18	18	17	98
ALABAMA	AMT	93,802	29,740	19,566	0	508	3,706	943	5,017	28,862
	NO.	48	25	9	0	9	14	15	8	48
MISSISSIPPI	AMT	29,623	13,394	5,915	0	287	1,459	622	9,071	16,269
	NO.	39	19	7	0	8	9	8	9	39
WEST SOUTH CENTRAL, TOTAL	AMT	276,326	159,368	90,987	7,311	2,032	29,643	10,079	23,716	116,958
	NO.	198	127	61	9	64	73	72	41	196
ARKANSAS	AMT	21,895	9,699	3,872	0	232	1,928	374	3,649	12,200
	NO.	20	13	5	0	7	8	5	1	20
LOUISIANA	AMT	65,930	30,493	13,913	4,998	370	5,409	2,023	4,184	35,436
	NO.	24	21	10	1	14	14	19	10	24
OKLAHOMA	AMT	31,936	18,607	8,292	12	102	3,909	1,179	5,121	13,329
	NO.	39	21	9	1	4	12	13	9	39
TEXAS	AMT	156,566	100,653	64,910	2,341	1,328	14,809	6,507	10,762	55,943
	NO.	119	72	37	7	39	39	39	25	117
MOUNTAIN, TOTAL	AMT	170,685	123,161	83,956	603	913	18,880	6,082	13,127	55,724
	NO.	97	71	37	8	29	43	36	35	96
MONTANA	AMT	9,712	9,500	2,927	16	103	871	614	1,369	4,212
	NO.	12	9	3	1	5	5	5	4	12
IDAHO	AMT	6,103	3,229	1,922	0	33	382	127	1,165	2,874
	NO.	8	8	4	0	3	9	3	4	8
WYOMING	AMT	5,994	4,212	2,035	0	315	399	276	1,281	1,482
	NO.	8	4	1	0	2	2	2	1	8
COLORADO	AMT	39,997	44,799	31,817	74	209	7,239	2,491	3,313	15,202
	NO.									

	NO.	11	12	13	14	15	16	17	18	19	20
WEST VIRGINIA	AMT	19,790	9,419	3,918	46	384	1,999	492	2,698	10,340
	NO.	29	12	3	1	6	9	7	3	20
NORTH CAROLINA	AMT	184,894	74,728	43,309	299	877	19,598	9,202	9,443	30,166
	NO.	92	36	17	3	8	28	14	12	92
SOUTH CAROLINA	AMT	24,087	11,102	4,496	0	368	1,949	372	3,921	12,985
	NO.	42	22	9	0	9	13	12	5	41
GEORGIA	AMT	57,734	34,988	19,617	0	428	6,749	2,030	6,165	22,749
	NO.	97	20	11	0	8	22	13	15	96
FLORIDA	AMT	72,962	47,991	30,202	102	1,642	10,077	1,594	3,974	25,371
	NO.	98	32	14	3	14	19	17	8	98
EAST SOUTH CENTRAL, TOTAL	AMT	194,765	99,610	52,079	89	1,940	16,934	4,231	21,141	99,159
	NO.	179	93	34	1	33	99	93	37	179
KENTUCKY	AMT	35,877	18,507	9,060	0	962	3,223	897	4,802	17,370
	NO.	30	21	6	0	8	18	12	7	30
TENNESSEE	AMT	79,463	38,009	21,934	89	183	8,146	1,809	6,248	37,494
	NO.	98	28	12	1	8	18	18	17	98
ALABAMA	AMT	53,802	29,740	15,966	0	988	3,706	943	9,017	28,862
	NO.	48	29	9	0	9	14	13	8	48
MISSISSIPPI	AMT	29,623	13,354	5,919	0	287	1,459	622	3,071	16,260
	NO.	39	13	7	0	8	9	8	9	39
WEST SOUTH CENTRAL, TOTAL	AMT	276,326	199,368	90,987	7,311	2,032	29,643	10,079	23,716	116,998
	NO.	198	127	61	9	64	73	72	41	196
ARKANSAS	AMT	21,899	9,699	3,872	0	232	1,928	374	3,849	12,200
	NO.	20	13	5	0	7	8	9	1	20
LOUISIANA	AMT	69,939	30,493	13,913	4,998	370	9,409	2,023	4,184	39,486
	NO.	24	21	10	1	14	14	15	10	24
OKLAHOMA	AMT	31,936	18,687	8,292	12	102	3,909	1,175	9,121	13,329
	NO.	35	21	9	1	4	12	13	9	35
TEXAS	AMT	156,906	100,693	64,910	2,341	1,328	14,809	6,907	10,762	55,943
	NO.	119	72	37	7	39	39	30	25	117
MOUNTAIN, TOTAL	AMT	178,885	123,161	63,956	603	913	18,880	6,082	15,127	55,724
	NO.	97	71	37	8	29	43	36	35	96
MONTANA	AMT	9,713	5,500	2,927	16	103	871	614	1,769	4,212
	NO.	12	9	3	1	5	9	9	4	12
IDAHO	AMT	6,183	3,229	1,922	0	33	382	127	1,169	2,874
	NO.	8	8	4	0	3	9	3	4	8
WYOMING	AMT	5,894	4,212	2,035	0	319	399	226	1,281	1,482
	NO.	8	4	1	0	2	2	2	1	8
COLORADO	AMT	99,907	44,795	31,917	74	289	7,239	2,491	3,313	13,282
	NO.	26	21	9	2	2	9	8	13	26
NEW MEXICO	AMT	26,254	17,035	12,429	0	108	1,732	427	2,543	9,219
	NO.	11	8	7	0	2	6	7	3	11
ARIZONA	AMT	27,282	17,467	12,001	28	79	3,060	405	1,870	9,819
	NO.	19	11	9	1	7	10	4	3	19

TABLE B-5
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL ACADEMIC SCIENCE	ACADEMIC SCIENCE: RESEARCH AND DEVELOPMENT	ACADEMIC SCIENCE: R&D PLANT	ACADEMIC SCIENCE: FACIL. FOR INSTR. IN SCI. & ENG.	ACADEMIC SCIENCE: FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	ACADEMIC SCIENCE: GENERAL SUPPORT FOR SCIENCE	ACADEMIC SCIENCE: OTHER SCIENCE	NON-SCIENCE
MOUNTAIN										
UTAH	AMT	37,982	26,989	18,693	261	97	4,908	1,703	1,203	10,993
	NO.	12	6	5	2	2	4	5	4	12
NEVADA	AMT	6,261	3,938	2,476	224	17	317	179	925	2,323
	NO.	5	4	3	2	2	2	2	3	4
PACIFIC, TOTAL	AMT	540,345	419,185	306,703	6,477	6,329	69,738	14,793	19,149	121,160
	NO.	273	139	69	11	35	78	79	69	272
WASHINGTON	AMT	73,866	58,716	40,370	172	779	10,810	3,206	3,379	14,990
	NO.	39	18	7	2	3	12	11	13	39
OREGON	AMT	42,749	30,258	20,070	19	920	5,695	1,362	2,401	12,491
	NO.	37	18	11	2	4	12	11	9	37
CALIFORNIA	AMT	394,525	286,898	227,885	6,267	4,161	47,859	9,972	11,194	87,627
	NO.	185	93	49	6	26	51	54	43	187
ALASKA	AMT	9,971	8,402	7,348	0	141	79	256	636	1,169
	NO.	4	2	1	0	1	2	2	2	4
HAWAII	AMT	19,834	14,891	11,021	28	724	1,299	395	1,368	4,943
	NO.	9	2	1	1	1	1	1	2	9
OUTLYING AREAS, TOTAL	AMT	29,329	13,634	9,418	93	2,278	1,668	206	3,911	11,696
	NO.	9	8	4	0	6	7	4	5	9
GUAM	AMT	430	16	0	0	16	0	0	0	414
	NO.	1	1	0	0	1	0	0	0	1
PUERTO RICO	AMT	24,126	13,178	9,188	93	2,246	1,649	243	3,844	10,948
	NO.	7	6	3	0	4	6	3	4	7
VIRGIN ISLANDS	AMT	744	440	312	0	16	22	23	67	324
	NO.	1	1	1	0	1	1	1	1	1

SOURCE: NATIONAL SCIENCE FOUNDATION (C&SS)

TABLE B-6

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY GEOGRAPHIC DIVISION, STATE, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	USDA	AEC	CO=	DOT	DOI	EPA	HEW	IAT	NASA	NSF	OT	OTHERS
UNITED STATES, TOTAL	3,480,150	214,397	139,430	9,573	241,771	37,921	27,180	2,281,905	72,917	134,394	307,737	10,824	24,992
NEW ENGLAND, TOTAL	141,289	9,441	19,760	1,513	47,731	3,511	2,295	174,190	2,171	38,243	48,178	1,998	1,750
MAINE	8,432	1,847	4	444	14	0	59	3,537	155	42	719	0	38
NEW HAMPSHIRE	19,397	1,329	41	791	495	0	69	15,884	133	1,198	2,147	0	0
VERMONT	10,721	1,341	37	0	209	0	21	8,187	142	0	305	156	0
MASSACHUSETTS	231,515	2,951	11,532	534	42,789	3,511	2,107	99,992	1,675	33,811	31,212	1,492	1,507
RHODE ISLAND	16,188	1,113	924	20	2,503	0	42	8,768	351	245	3,261	0	11
CONNECTICUT	57,187	1,767	3,131	19	2,719	0	97	45,514	217	957	8,472	0	194
MIDDLE ATLANTIC, TOTAL	569,573	10,491	23,524	1,787	37,469	2,189	3,095	591,595	2,978	15,197	70,268	1,414	3,852
NEW YORK	339,886	7,419	19,988	1,271	17,144	1,621	1,704	241,791	728	7,179	41,393	418	3,991
NEW JERSEY	55,829	2,574	2,401	767	2,905	531	493	33,779	195	3,615	9,197	255	21
PENNSYLVANIA	173,848	5,268	4,329	244	17,404	347	1,693	125,979	1,954	2,473	19,678	743	280
EAST NORTH CENTRAL, TOTAL	529,998	31,677	27,119	1,542	41,913	9,402	4,215	327,493	1,783	17,816	44,847	2,396	9,276
OHIO	110,517	7,886	2,326	190	9,889	143	721	77,184	345	1,379	9,153	848	822
INDIANA	44,773	5,475	3,427	190	2,487	0	502	26,929	263	3,071	10,911	287	1,352
ILLINOIS	134,982	6,752	9,353	524	15,439	477	987	87,238	345	5,881	19,872	362	877
MICHIGAN	121,265	6,870	6,841	333	9,706	1,724	997	76,766	312	4,676	18,496	775	1,858
WISCONSIN	78,772	4,284	5,162	305	4,499	7,958	1,008	48,767	358	2,849	8,495	116	769
WEST NORTH CENTRAL, TOTAL	315,180	27,889	3,253	61	7,121	484	2,371	241,760	2,882	7,318	20,994	330	1,441
MINNESOTA	84,498	5,187	1,350	0	1,719	147	1,128	65,217	498	2,892	4,827	159	870
IOWA	53,272	5,375	87	0	1,431	0	445	37,621	351	2,573	5,345	148	38
MISSOURI	84,021	5,928	574	0	2,528	0	311	77,743	335	1,094	4,929	25	411
NORTH DAKOTA	10,119	2,353	39	35	194	0	0	6,263	263	14	851	0	0
SOUTH DAKOTA	11,277	2,279	20	0	46	137	77	5,841	921	476	1,344	0	0
NEBRASKA	29,571	3,266	90	26	92	0	64	23,745	183	19	728	0	243
KANSAS	34,422	3,521	431	0	419	0	146	24,995	336	764	3,028	0	171
SOUTH ATLANTIC, TOTAL	509,571	39,712	9,924	1,713	29,768	8,489	4,228	355,657	2,495	11,510	41,254	2,817	8,814
DELAWARE	5,570	1,691	19	0	577	0	32	2,784	255	91	1,342	0	0
MARYLAND	80,129	2,674	3,405	787	4,955	128	297	55,927	253	4,835	7,493	465	122
DIST. OF COLUMBIA	99,467	679	217	228	4,184	6,428	217	83,359	55	1,437	2,263	278	157
VIRGINIA	44,989	5,762	443	0	1,583	0	40	34,691	443	2,270	3,712	2	123
WEST VIRGINIA	19,759	3,595	0	24	19	521	636	13,189	463	93	924	129	110
NORTH CAROLINA	104,884	9,283	1,834	164	6,249	945	914	77,283	295	846	9,891	164	4,792
SOUTH CAROLINA	24,787	3,167	129	8	437	195	661	15,815	143	155	1,241	159	0
GEORGIA	57,736	7,519	1,519	411	3,569	131	595	37,837	459	895	5,015	743	238
FLORIDA	72,960	4,902	1,759	701	4,629	507	814	47,838	194	1,196	9,373	881	1,272
EAST SOUTH CENTRAL, TOTAL	194,769	27,227	2,711	206	9,721	1,414	1,102	149,172	986	2,497	7,935	0	822
KENTUCKY	35,477	7,287	84	104	942	735	234	24,193	348	278	1,341	0	327
TENNESSEE	75,483	6,809	1,824	96	1,918	0	534	61,238	175	381	3,843	0	95
ALABAMA	53,802	6,549	109	14	2,494	441	142	41,813	353	1,841	1,039	0	0
MISSISSIPPI	29,823	6,782	14	72	417	433	193	19,918	110	197	1,358	0	0
WEST SOUTH CENTRAL, TOTAL	278,328	29,539	3,939	791	13,428	1,475	1,351	194,291	1,199	10,145	23,147	748	798
ARKANSAS	21,995	4,929	107	60	0	0	99	15,847	141	77	814	0	0
LOUISIANA	67,939	9,959	359	111	1,219	564	725	51,716	135	585	2,949	159	0
OKLAHOMA	31,936	4,379	97	511	1,791	0	423	19,984	225	1,055	3,747	270	39
TEXAS	156,598	11,174	3,384	782	10,418	1,131	904	106,781	701	8,428	16,647	279	719
MOUNTAIN, TOTAL	179,589	14,392	3,481	1,168	19,392	2,749	2,149	97,189	9,771	7,314	20,949	244	1,234
MONTANA	9,712	1,935	92	5	154	0	347	4,275	385	23	1,826	0	0
IDAHO	6,103	1,871	84	13	113	0	40	3,159	339	70	493	0	0
WYOMING	5,484	1,233	61	21	77	0	122	1,937	819	75	1,855	0	0
COLORADO	53,997	2,693	991	937	4,758	625	958	34,881	1,931	2,771	10,033	55	820
NEW MEXICO	24,954	1,982	72	20	6,501	987	87	11,737	926	2,393	1,755	144	0
ARIZONA	27,282	2,728	437	6	5,314	402	339	15,420	285	1,674	3,348	0	2
UTAH	17,581	1,111	1,241	57	2,443	731	413	23,145	1,933	442	5,273	75	412

OHIO	110,517	7,884	2,720	100	9,880	143	701	77,180	345	1,378	8,153	848	822
INDIANA	64,773	5,475	3,427	105	2,487	5	507	36,927	243	3,071	10,911	287	1,352
ILLINOIS	154,582	8,782	8,365	326	18,436	477	987	90,238	365	5,851	19,872	382	877
MICHIGAN	101,245	6,875	6,941	233	9,308	1,724	697	74,764	312	4,876	10,496	775	1,845
WISCONSIN	79,772	5,284	3,180	249	1,699	7,559	1,708	48,167	358	2,849	8,495	118	765
WEST NORTH CENTRAL, TOTAL	315,180	27,849	3,193	61	7,121	484	2,371	241,567	2,882	7,318	20,994	332	1,441
MINNESOTA	84,498	5,187	1,593	5	1,719	147	1,729	61,217	455	2,852	4,827	159	629
IOWA	53,372	5,375	87	5	1,431	5	445	37,621	351	2,073	5,395	146	38
MISSOURI	84,421	5,858	375	6	2,420	5	311	77,743	385	1,284	4,929	75	411
NORTH DAKOTA	10,119	2,350	39	35	304	0	0	6,241	243	14	851	0	0
SOUTH DAKOTA	11,277	2,275	21	5	46	137	77	5,941	921	476	1,384	0	0
NEBRASKA	29,371	3,264	95	20	92	5	64	23,743	183	15	729	0	243
KANSAS	34,522	3,526	831	5	619	5	145	29,595	356	784	3,028	0	171
SOUTH ATLANTIC, TOTAL	508,571	39,712	9,524	1,713	29,780	8,489	4,228	355,697	2,495	11,530	41,254	2,817	8,814
DELAWARE	5,570	1,885	19	5	577	5	32	2,794	295	91	1,342	0	0
MARYLAND	80,129	2,674	3,459	707	6,595	129	297	55,825	233	4,635	7,493	460	122
DIST. OF COLUMBIA	98,447	879	217	225	6,184	6,425	217	82,359	35	1,437	2,253	278	157
VIRGINIA	44,980	5,782	463	5	1,583	0	49	34,691	443	2,270	3,712	2	123
WEST VIRGINIA	19,799	3,585	5	24	19	421	838	13,189	463	93	926	129	110
NORTH CAROLINA	104,896	9,263	1,836	144	8,249	545	914	70,285	295	846	9,891	154	4,792
SOUTH CAROLINA	24,987	5,162	139	5	437	195	561	15,815	143	185	1,241	159	0
GEORGIA	37,736	7,819	1,219	411	3,569	131	595	37,875	459	855	5,015	743	238
FLORIDA	72,987	4,909	1,759	701	4,629	907	814	47,839	194	1,196	9,373	881	1,272
EAST SOUTH CENTRAL, TOTAL	184,769	27,227	2,511	269	5,723	1,614	1,102	149,172	995	2,497	7,935	0	822
KENTUCKY	35,877	7,287	89	194	942	135	234	24,153	343	278	1,341	0	927
TENNESSEE	75,483	6,809	1,804	76	1,918	5	534	51,236	175	381	3,843	0	90
ALABAMA	53,802	8,569	105	14	2,454	645	142	49,871	353	1,641	1,029	0	0
MISSISSIPPI	29,423	4,782	14	72	417	433	190	19,912	100	197	1,358	0	0
WEST SOUTH CENTRAL, TOTAL	276,326	25,539	3,939	790	13,526	1,475	1,355	194,291	1,199	10,145	23,147	708	798
ARKANSAS	21,855	4,929	102	66	0	0	89	15,847	141	77	954	0	0
LOUISIANA	69,939	9,059	359	111	1,918	364	325	51,716	130	565	3,948	198	9
OKLAHOMA	31,936	4,329	97	311	1,795	0	429	19,584	225	1,049	3,747	270	30
TEXAS	150,596	11,174	3,380	302	10,813	1,131	909	107,301	701	8,438	14,847	278	719
MOUNTAIN, TOTAL	178,689	14,392	3,481	1,769	19,392	2,749	2,149	97,189	5,771	7,336	24,949	244	1,234
MONTANA	9,712	1,939	92	5	156	5	747	5,275	395	23	1,028	0	0
IDAHO	6,103	1,871	99	13	113	5	45	3,159	319	29	498	0	0
WYOMING	5,694	1,233	87	21	77	0	122	1,832	819	79	1,855	0	0
COLORADO	59,987	2,693	995	922	4,298	425	959	34,681	1,931	2,771	10,093	93	620
NEW MEXICO	26,394	1,992	72	20	5,501	987	87	11,732	926	2,393	1,782	144	0
ARIZONA	27,382	2,926	437	5	3,314	405	235	15,429	280	1,874	3,348	0	2
UTAH	37,582	1,815	1,965	97	3,467	731	913	22,149	1,093	442	5,279	75	812
NEVADA	5,781	982	226	26	311	0	48	2,936	998	8	710	0	0
PACIFIC, TOTAL	540,349	18,844	19,979	2,488	91,439	7,791	5,926	314,979	2,713	27,758	98,379	1,337	2,799
WASHINGTON	73,666	3,307	2,778	1,787	5,483	736	963	46,931	994	870	11,227	198	200
OREGON	42,749	2,754	987	36	1,874	540	805	27,369	291	696	6,873	0	670
CALIFORNIA	384,525	7,557	15,429	566	39,984	6,475	3,814	228,932	1,958	24,712	63,198	1,139	1,327
ALASKA	9,571	1,833	172	429	2,345	0	197	2,705	187	582	2,885	0	0
HAWAII	19,834	1,391	605	48	1,979	740	404	8,836	123	1,098	4,468	0	602
OUTLYING AREAS, TOTAL	25,320	5,289	3,178	59	29	0	0	15,581	155	254	427	0	202
GUAM	430	0	0	0	0	0	0	430	0	0	0	0	0
PUERTO RICO	24,126	5,218	3,178	0	29	0	0	14,708	155	0	404	0	202
VIRGIN ISLANDS	764	67	0	59	0	0	0	362	0	254	23	0	0

a INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-7

FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE, BY GEOGRAPHIC DIVISION, STATE, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION AND STATE	TOTAL	USDA	ABC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
UNITED STATES, TOTAL	2,335,868	214,997	109,836	7,637	941,773	16,378	27,160	1,142,338	22,982	134,094	397,737	10,824	24,952
NEW ENGLAND, TOTAL	279,233	9,443	19,268	764	47,731	1,241	2,295	114,653	2,131	36,243	46,126	1,588	1,750
MAINE	3,308	1,842	4	100	14	0	59	391	100	42	719	0	38
NEW HAMPSHIRE	11,903	1,329	41	258	498	0	69	6,230	133	1,188	2,157	0	0
VERMONT	6,478	1,341	37	0	209	0	21	4,397	102	0	369	106	0
MASSACHUSETTS	200,113	2,551	11,532	371	42,289	1,241	2,007	78,835	1,276	33,811	31,212	1,482	1,507
RHODE ISLAND	12,920	1,013	524	20	2,503	0	42	4,598	303	249	3,261	0	11
CONNECTICUT	44,911	1,367	3,130	15	2,219	0	97	28,243	217	957	8,472	0	194
MIDDLE ATLANTIC, TOTAL	403,050	18,453	23,024	1,246	30,448	1,308	3,850	233,412	2,978	13,197	70,268	1,414	3,852
NEW YORK	291,126	7,610	15,899	739	17,144	1,061	1,704	153,773	728	7,109	41,393	416	3,591
NEW JERSEY	34,758	2,574	2,801	267	2,900	0	493	12,439	196	3,615	9,197	255	21
PENNSYLVANIA	117,166	8,269	4,325	240	10,404	247	1,653	67,200	1,854	2,473	19,678	743	280
EAST NORTH CENTRAL, TOTAL	376,290	30,677	23,110	842	41,913	8,435	4,215	174,930	1,763	17,836	64,867	2,386	5,276
OHIO	72,005	7,096	2,326	0	9,888	143	701	30,194	905	1,379	9,103	848	822
INDIANA	44,935	5,475	3,422	100	2,482	0	502	17,095	243	3,071	10,911	287	1,352
ILLINOIS	113,627	6,752	9,353	519	18,838	0	987	90,263	349	9,861	19,872	380	677
MICHIGAN	85,651	6,870	4,841	178	9,206	931	957	30,599	312	4,676	16,486	775	1,660
WISCONSIN	60,032	5,284	3,168	245	1,499	7,361	1,068	26,824	358	2,849	8,495	116	765
WEST NORTH CENTRAL, TOTAL	168,660	27,865	3,053	61	7,121	710	2,071	95,339	2,857	7,318	20,994	330	1,441
MINNESOTA	46,361	5,187	1,890	0	1,715	710	1,028	27,617	458	2,882	4,827	159	828
IOWA	29,290	5,375	87	0	1,831	0	445	13,639	381	2,073	5,505	146	38
MISSOURI	51,285	5,908	376	6	2,828	0	311	35,007	390	1,094	4,929	25	411
NORTH DAKOTA	5,163	2,350	39	35	194	0	0	1,287	243	14	801	0	0
SOUTH DAKOTA	5,873	2,275	20	0	46	0	77	674	921	476	1,384	0	0
NEBRASKA	10,907	3,244	50	20	92	0	64	5,276	183	15	720	0	243
KANSAS	19,781	3,526	631	0	415	0	146	10,839	311	784	3,028	0	121
SOUTH ATLANTIC, TOTAL	297,717	39,712	8,824	788	25,760	1,948	4,206	192,179	2,485	11,530	41,054	2,817	6,814
DELAWARE	3,864	1,090	19	0	977	0	32	498	255	51	1,342	0	0
MARYLAND	62,790	2,674	3,405	67	4,559	125	297	38,724	233	4,635	7,493	466	122
DIST. OF COLUMBIA	25,320	679	217	40	4,164	753	217	15,079	35	1,437	2,263	279	157
VIRGINIA	27,918	5,762	443	0	1,583	0	40	13,586	443	2,230	3,712	2	123
WEST VIRGINIA	9,419	3,555	0	24	18	571	636	2,899	463	90	924	129	110
NORTH CAROLINA	74,728	9,263	1,834	144	6,248	99	914	45,483	250	846	9,691	184	4,792
SOUTH CAROLINA	11,102	5,162	128	6	437	0	661	2,980	163	169	1,241	159	0
GEORGIA	34,985	7,019	1,019	304	3,949	0	595	15,162	459	880	5,015	743	238
FLORIDA	47,591	4,508	1,759	201	4,829	0	814	22,774	184	1,196	9,373	881	1,272
EAST SOUTH CENTRAL, TOTAL	99,610	27,227	2,011	266	5,723	322	1,102	47,389	996	2,497	7,935	0	622
KENTUCKY	18,507	7,287	86	104	942	240	236	4,878	348	278	1,561	0	927
TENNESSEE	38,009	6,609	1,804	76	1,910	0	534	22,782	175	381	3,643	0	95
ALABAMA	25,740	6,549	105	14	2,454	0	142	13,457	353	1,641	1,025	0	0
MISSISSIPPI	13,354	6,782	16	72	417	82	190	4,192	120	197	1,306	0	0
WEST SOUTH CENTRAL, TOTAL	159,368	25,539	3,939	654	13,026	548	1,350	78,356	1,198	10,145	23,147	708	758
ARKANSAS	9,655	4,928	100	64	0	0	99	3,440	141	77	804	0	0
LOUISIANA	38,453	9,059	358	111	1,218	144	325	18,230	130	565	3,949	159	9
OKLAHOMA	18,607	4,378	97	311	1,799	0	420	8,265	220	1,065	3,747	270	38
TEXAS	100,653	11,174	3,384	168	10,018	404	506	50,421	701	8,438	14,647	279	719
MOUNTAIN, TOTAL	123,161	14,392	3,461	1,068	18,392	988	2,145	43,233	5,761	7,334	24,949	244	1,234
MONTANA	5,900	1,935	52	3	156	0	247	1,063	395	23	1,626	0	0
IDAHO	3,229	1,871	58	13	113	0	40	285	339	20	490	0	0
WYOMING	4,212	1,233	67	21	77	0	122	350	819	75	1,655	0	0
COLORADO	44,795	2,693	990	922	4,295	209	958	19,798	1,921	2,771	10,090	95	620
NEW MEXICO	17,035	1,992	72	20	6,501	179	87	3,321	926	2,393	1,780	164	0
ARIZONA	17,467	2,026	437	6	3,314	600	235	5,414	290	1,604	3,349	0	2
UTAH	26,985	1,610	1,566	57	3,662	0	410	12,279	1,093	442	5,229	25	612
NEVADA	3,938	992	226	26	311	0	46	613	988	6	730	0	0
PACIFIC, TOTAL	419,189	16,044	19,970	1,890	51,439	1,778	5,926	199,113	2,713	27,700	88,370	1,337	2,765

WEST NORTH CENTRAL, TOTAL	168,660	27,865	3,093	61	7,121	210	2,071	95,339	2,857	7,318	20,994	330	1,441
MINNESOTA	46,361	5,187	1,890	0	1,715	210	1,028	27,617	459	2,882	4,627	199	628
IOWA	29,290	5,375	87	0	1,631	0	445	15,639	351	2,073	5,505	146	38
MISSOURI	91,285	5,908	376	6	2,828	0	311	35,007	390	1,094	4,929	25	411
NORTH DAKOTA	5,163	2,350	39	35	184	0	0	1,287	243	14	801	0	0
SOUTH DAKOTA	5,873	2,275	20	0	46	0	77	674	921	476	1,384	0	0
NEBRASKA	10,907	3,244	50	20	92	0	64	4,276	183	15	720	0	243
KANSAS	19,781	3,526	631	0	415	0	146	10,839	311	784	3,028	0	121
SOUTH ATLANTIC, TOTAL	297,717	39,717	8,824	788	25,760	1,548	4,206	152,179	2,485	11,530	41,054	2,817	6,814
DELAWARE	3,864	1,090	19	0	977	0	32	495	255	51	1,342	0	0
MARYLAND	62,790	2,674	3,405	67	4,555	125	297	38,724	233	4,635	7,493	460	122
DIST. OF COLUMBIA	25,320	679	217	40	4,164	753	217	15,079	35	1,437	2,263	279	157
VIRGINIA	27,918	5,762	443	0	1,583	0	40	13,586	443	2,230	3,712	2	123
WEST VIRGINIA	9,419	3,595	0	24	18	571	636	2,899	463	98	924	129	110
NORTH CAROLINA	74,728	9,263	1,834	144	6,248	99	914	40,483	250	846	9,891	164	4,792
SOUTH CAROLINA	11,102	5,162	128	6	437	0	661	2,980	163	165	1,241	159	0
GEORGIA	34,985	7,019	1,819	304	3,549	0	595	15,162	459	880	5,015	743	238
FLORIDA	47,591	4,508	1,759	201	4,629	0	814	22,774	184	1,196	9,373	881	1,272
EAST SOUTH CENTRAL, TOTAL	95,610	27,227	2,011	266	9,723	322	1,102	47,389	996	2,497	7,935	0	622
KENTUCKY	18,507	7,287	86	104	942	240	236	4,878	368	278	1,561	0	527
TENNESSEE	38,009	6,609	1,804	76	1,910	0	534	22,782	175	381	3,643	0	95
ALABAMA	25,740	6,549	105	14	2,454	0	142	13,457	353	1,641	1,025	0	0
MISSISSIPPI	13,354	6,782	16	72	417	82	190	4,192	100	197	1,306	0	0
WEST SOUTH CENTRAL, TOTAL	159,368	25,539	3,939	654	13,026	948	1,350	78,356	1,198	10,145	23,147	708	758
ARKANSAS	9,655	4,928	100	64	0	0	99	3,440	141	77	804	0	0
LOUISIANA	38,453	5,059	358	111	1,218	344	325	18,230	130	565	3,949	159	5
OKLAHOMA	18,607	4,378	97	311	1,790	0	420	6,265	226	1,065	3,747	270	38
TEXAS	100,653	11,174	3,384	166	10,018	604	506	50,421	701	8,438	14,647	279	715
MOUNTAIN, TOTAL	123,161	14,352	3,461	1,068	18,392	988	2,145	43,233	5,761	7,334	24,949	244	1,234
MONTANA	5,500	1,935	92	3	156	0	247	1,063	395	23	1,626	0	0
IDAHO	3,229	1,871	58	13	113	0	40	285	339	20	490	0	0
WYOMING	4,212	1,233	67	21	77	0	122	350	819	75	1,655	0	0
COLORADO	44,795	2,693	990	922	4,258	209	958	19,708	1,921	2,771	10,090	55	620
NEW MEXICO	17,035	1,992	72	20	6,501	179	87	3,321	926	2,393	1,780	164	0
ARIZONA	17,467	2,026	437	6	3,314	600	235	5,614	280	1,604	3,349	0	2
UTAH	26,985	1,610	1,566	57	3,662	0	410	12,279	1,093	442	5,229	25	612
NEVADA	3,938	992	226	26	311	0	46	613	988	6	730	0	0
PACIFIC, TOTAL	419,189	16,044	19,970	1,890	51,439	1,778	5,926	199,113	2,713	27,700	88,370	1,337	2,789
WASHINGTON	58,716	3,307	2,778	1,207	5,483	0	943	32,219	954	650	11,227	148	200
OREGON	30,258	2,754	900	36	1,874	303	808	15,115	281	686	6,823	0	678
CALIFORNIA	306,898	7,557	15,425	176	39,964	1,135	3,614	147,035	1,998	24,732	63,186	1,189	1,327
ALASKA	8,462	1,033	172	425	2,340	0	157	891	197	582	2,665	0	0
HAWAII	14,851	1,393	695	46	1,778	340	404	3,853	123	1,050	4,469	0	584
OUTLYING AREAS, TOTAL	13,634	5,285	3,176	98	20	0	0	3,814	100	254	427	0	500
GUAM	16	0	0	0	0	0	0	16	0	0	0	0	0
PUERTO RICO	13,178	5,218	3,176	0	20	0	0	3,760	100	0	404	0	500
VIRGIN ISLANDS	440	67	0	98	0	0	0	38	0	254	23	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

Table B-8 Distribution of Federal obligations to universities and colleges and degrees awarded by universities and colleges, by geographic division and State, various years

[Dollars in thousands]

Division and State	Total obligations	Total degrees awarded	Academic science obligations	R&D obligations	Degrees awarded in the sciences and engineering, 1969-70			M.D. & D.D.S. degrees
	FY 1971	1969-70	FY 1971	FY 1971	Ph.D.	Master's	Bachelor's	1969-70
United States, total	3,480,150	1,068,849	2,335,868	1,544,130	17,627	48,662	263,301	12,122
	Percent of U.S. total							
New England	9.81	7.38	11.95	13.58	8.95	7.82	7.61	4.84
Maine	.20	.45	.14	.09	.12	.27	.55	.....
New Hampshire	.56	.45	.51	.43	.28	.38	.59	.....
Vermont	.29	.34	.28	.26	.16	.11	.42	.48
Massachusetts	6.65	4.10	8.57	10.29	5.86	5.29	4.16	3.68
Rhode Island	.47	.57	.54	.61	.83	.58	.59	.....
Connecticut	1.64	1.48	1.92	1.90	1.70	1.20	1.30	.68
Middle Atlantic	16.37	17.54	17.25	17.61	17.20	19.90	18.08	21.16
New York	9.77	9.46	10.75	11.21	10.17	11.98	9.52	11.28
New Jersey	1.60	2.27	1.49	1.55	2.14	2.58	2.17	1.34
Pennsylvania	5.00	5.81	5.02	4.85	4.88	5.33	6.39	8.59
East North Central	15.23	20.43	16.11	16.06	22.49	20.82	19.43	19.79
Ohio	3.16	5.02	3.08	2.62	4.00	3.96	4.77	4.44
Indiana	1.86	3.04	1.92	1.84	3.98	3.73	2.76	2.52
Illinois	4.43	5.17	4.86	5.26	6.64	5.84	4.91	6.48
Michigan	3.48	4.71	3.67	3.73	4.77	4.98	4.33	3.99
Wisconsin	2.29	2.49	2.57	2.63	3.10	2.31	2.66	2.36
West North Central	9.06	9.61	7.22	6.21	8.92	8.15	9.34	10.92
Minnesota	2.42	2.05	1.98	1.75	1.89	1.15	2.14	2.36
Iowa	1.53	1.66	1.25	1.02	2.25	1.19	1.79	1.35
Missouri	2.70	2.40	2.20	2.05	2.09	2.72	2.21	4.11
North Dakota	.29	.44	.22	.16	.31	.56	.43	.....
South Dakota	.32	.53	.25	.19	.17	.53	.54	.....
Nebraska	.82	1.06	.47	.34	.59	.51	.87	2.12
Kansas	.98	1.48	.85	.71	1.63	1.47	1.37	.98
South Atlantic	14.61	12.42	12.75	11.67	11.44	10.70	12.29	15.53
Delaware	.16	.18	.17	.12	.29	.27	.22	.....
Maryland	2.30	1.54	2.69	2.92	2.09	1.26	1.42	2.62
District of Columbia	2.83	1.11	1.08	1.08	1.45	2.06	.86	3.95
Virginia	1.29	1.62	1.20	.97	1.19	1.10	1.94	2.08
West Virginia	.57	.89	.40	.25	.57	.61	.86	.85
North Carolina	3.01	2.16	3.20	2.80	2.31	1.59	2.37	1.98
South Carolina	.69	.84	.48	.29	.47	.45	.86	.67
Georgia	1.66	1.71	1.50	1.27	1.13	1.43	1.74	2.22
Florida	2.10	2.38	2.04	1.96	1.95	1.93	2.03	1.15
East South Central	5.60	5.81	4.09	3.37	3.30	4.03	5.50	7.30
Kentucky	1.03	1.45	.79	.59	.68	.81	1.24	2.00
Tennessee	2.17	1.89	1.63	1.39	1.54	1.54	2.01	3.61
Alabama	1.55	1.48	1.10	1.01	.66	.99	1.42	1.06
Mississippi	.85	.99	.57	.38	.43	.69	.83	.62
West South Central	7.94	8.83	6.82	5.87	7.20	7.59	8.17	8.60
Arkansas	.63	.82	.41	.25	.29	.48	.80	.72
Louisiana	1.89	1.67	1.30	.88	1.25	1.24	1.54	2.43
Oklahoma	.92	1.48	.80	.54	1.53	1.43	1.20	.78
Texas	4.50	4.86	4.31	4.20	4.14	4.44	4.63	4.69
Mountain	5.14	5.15	5.27	5.41	5.45	5.85	5.16	1.35

Connecticut	1.04	1.48	1.92	1.90	1.70	1.20	1.30	.68
Middle Atlantic	16.37	17.54	17.25	17.61	17.20	19.90	18.08	21.16
New York	9.77	9.46	10.75	11.21	10.17	11.98	9.52	11.28
New Jersey	1.60	2.27	1.49	1.55	2.14	2.58	2.17	1.34
Pennsylvania	5.00	5.81	5.02	4.85	4.88	5.33	6.39	8.59
East North Central	15.23	20.43	16.11	16.06	22.49	20.82	19.43	19.79
Ohio	3.16	5.02	3.08	2.62	4.00	3.96	4.77	4.44
Indiana	1.86	3.04	1.92	1.84	3.98	3.73	2.76	2.52
Illinois	4.43	5.17	4.86	5.26	6.64	5.84	4.91	6.48
Michigan	3.48	4.71	3.67	3.73	4.77	4.98	4.33	3.99
Wisconsin	2.29	2.49	2.57	2.63	3.10	2.31	2.66	2.36
West North Central	9.06	9.61	7.22	6.21	8.92	8.15	9.34	10.92
Minnesota	2.42	2.05	1.98	1.75	1.89	1.15	2.14	2.36
Iowa	1.53	1.66	1.25	1.02	2.25	1.19	1.79	1.35
Missouri	2.70	2.40	2.20	2.05	2.09	2.72	2.21	4.11
North Dakota	.29	.44	.22	.16	.31	.56	.43	.....
South Dakota	.32	.53	.25	.19	.17	.53	.54	.....
Nebraska	.82	1.06	.47	.34	.59	.51	.87	2.12
Kansas	.98	1.48	.85	.71	1.63	1.47	1.37	.98
South Atlantic	14.61	12.42	12.75	11.67	11.44	10.70	12.29	15.53
Delaware	.16	.18	.17	.12	.29	.27	.22	.....
Maryland	2.30	1.54	2.69	2.92	2.09	1.26	1.42	2.62
District of Columbia	2.83	1.11	1.08	1.08	1.45	2.06	.86	3.95
Virginia	1.29	1.62	1.20	.97	1.19	1.10	1.94	2.08
West Virginia	.57	.89	.40	.25	.57	.61	.86	.85
North Carolina	3.01	2.16	3.20	2.80	2.31	1.59	2.37	1.98
South Carolina	.69	.84	.48	.29	.47	.45	.86	.67
Georgia	1.66	1.71	1.50	1.27	1.13	1.43	1.74	2.22
Florida	2.10	2.38	2.04	1.96	1.95	1.93	2.03	1.15
East South Central	5.60	5.81	4.09	3.37	3.30	4.03	5.50	7.30
Kentucky	1.03	1.45	.79	.59	.68	.81	1.24	2.00
Tennessee	2.17	1.89	1.63	1.39	1.54	1.54	2.01	3.61
Alabama	1.55	1.48	1.10	1.01	.66	.99	1.42	1.06
Mississippi	.85	.99	.57	.38	.43	.69	.83	.62
West South Central	7.94	8.83	6.82	5.87	7.20	7.59	8.17	8.60
Arkansas	.63	.82	.41	.25	.29	.48	.80	.72
Louisiana	1.89	1.67	1.30	.88	1.25	1.24	1.54	2.43
Oklahoma	.92	1.48	.80	.54	1.53	1.43	1.20	.78
Texas	4.50	4.86	4.31	4.20	4.14	4.44	4.63	4.69
Mountain	5.14	5.15	5.27	5.41	5.45	5.85	5.16	1.35
Montana	.28	.41	.24	.16	.28	.48	.42	.....
Idaho	.18	.30	.14	.10	.15	.30	.30	.....
Wyoming	.16	.17	.18	.13	.18	.30	.19	.....
Colorado	1.72	1.53	1.92	2.04	1.90	1.41	1.54	.66
New Mexico	.75	.52	.73	.80	.44	.81	.56	.17
Arizona	.78	1.05	.75	.78	1.09	1.34	.86	.....
Utah	1.08	1.05	1.16	1.22	1.37	1.10	1.15	.52
Nevada	.18	.12	.17	.17	.05	.12	.13	.....
Pacific	15.53	12.15	17.95	19.86	15.04	14.96	13.72	9.76
Washington	2.12	1.72	2.51	2.62	1.80	1.53	1.92	1.33
Oregon	1.23	1.28	1.30	1.30	1.36	1.27	1.19	1.30
California	11.34	8.76	13.14	14.76	11.55	11.50	10.21	7.13
Alaska	.28	.05	.36	.48	.04	.15	.05	.....
Hawaii	.57	.34	.64	.71	.28	.51	.35	.....
Outlying areas [a]	.73	.67	.58	.35	.01	.21	.69	.74

[a]Includes Puerto Rico, Virgin Islands, and Guam. The amounts to the Virgin Islands and Guam were a small fraction of the total.

SOURCE: National Science Foundation (CASE).

TABLE B-9

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES IN DESCENDING ORDER OF AMOUNTS RECEIVED, BY INSTITUTION AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL ACADEMIC SCIENCE	ACADEMIC SCIENCE: RESEARCH AND DEVELOPMENT	ACADEMIC SCIENCE: R&D PLANT	ACADEMIC SCIENCE: FACIL. FOR INSTR. IN SCI. & ENG	ACADEMIC SCIENCE: FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	ACADEMIC SCIENCE: GENERAL SUPPORT FOR SCIENCE	ACADEMIC SCIENCE: OTHER SCIENCE	NON-SCIENCE
	UNITED STATES, TOTAL	3,480,150	2,335,868	1,544,130	29,942	28,729	421,029	99,669	212,369	1,144,282
1	MASS INST OF TECH	89,574	88,823	81,531	1,050	29	4,907	376	1,330	751
2	UNIV OF MINNESOTA	72,534	43,812	26,707	2,983	11	8,909	1,031	4,171	28,722
3	UNIV OF MICHIGAN	60,881	53,505	40,819	103	375	9,057	987	2,164	7,376
4	UNIV OF WISCONSIN MADISON	57,320	52,124	36,871	136	47	8,786	2,311	3,973	5,196
5	UNIV OF WASHINGTON	56,535	49,576	36,079	127	708	9,795	2,334	533	6,959
6	STANFORD UNIV	54,648	52,280	41,786	0	211	8,084	916	1,283	2,368
7	HARVARD UNIV	54,037	50,119	37,109	215	15	11,320	968	492	3,918
8	UNIV OF CAL LOS ANGELES	54,030	47,574	36,825	553	29	7,728	998	1,441	6,456
9	UNIV OF CAL BERKELEY	52,279	46,725	32,979	37	20	6,995	667	6,027	5,554
10	COLUMBIA UNIV	52,219	47,450	37,589	191	648	8,111	851	60	4,769
	TOTAL 1ST 10 INSTS.	604,057	531,988	408,295	5,395	2,093	83,292	11,439	21,474	72,069
11	HOWARD UNIV	51,543	3,361	1,807	0	0	1,361	97	106	48,182
12	UNIV OF CAL SAN DIEGO	49,650	47,553	36,593	4,900	2,015	2,808	1,187	50	2,097
13	JOHNS HOPKINS UNIV	45,548	39,070	28,955	35	95	8,762	852	371	6,478
14	UNIV OF ILLINOIS-URBANA	44,244	41,538	31,331	426	7	3,937	376	5,461	2,706
15	OHIO STATE UNIV	42,160	32,119	15,546	0	0	4,242	574	11,757	10,041
16	UNIV OF PENNSYLVANIA	41,385	36,405	25,241	62	52	8,561	2,387	102	4,980
17	CORNELL UNIV	41,367	38,953	23,893	2,744	18	5,515	820	5,963	2,414
18	NEW YORK UNIV	40,496	29,866	20,780	91	38	8,217	639	101	10,630
19	YALE UNIV	38,400	33,572	23,092	258	0	7,919	2,198	105	4,828
20	UNIV OF CHICAGO	37,819	34,615	26,479	202	0	7,345	551	38	3,204
	TOTAL 1ST 20 INSTS.	1,036,669	869,040	642,012	14,113	4,318	141,959	21,110	45,528	167,629
21	UNIV OF COLORADO	32,720	24,141	16,447	35	0	4,937	1,870	852	8,579
22	UNIV OF SOUTHERN CAL	30,733	21,341	14,978	413	499	4,671	544	236	9,392
23	UNIV OF N C AT CHAP HILL	30,321	24,838	16,160	6	0	6,149	2,297	226	5,483
24	DUKE UNIV	29,157	25,509	16,714	223	413	6,210	1,155	794	3,648
25	WASHINGTON UNIV	28,480	25,226	19,224	0	0	6,151	836	15	3,254
26	UNIV OF CAL SAN FRANCISCO	26,906	22,775	16,064	142	0	6,054	494	21	4,131
27	MICHIGAN STATE UNIV	26,810	20,314	10,957	255	0	3,746	617	4,709	6,496
28	UNIV OF UTAH	26,072	18,198	12,786	252	0	3,787	1,234	139	7,874
29	UNIV OF PITTSBURGH	25,931	17,990	10,984	38	0	5,580	671	717	7,941
30	UNIV OF ROCHESTER	25,497	22,906	16,633	258	64	4,517	1,375	59	2,591
	TOTAL 1ST 30 INSTS.	1,319,296	1,092,278	791,959	15,765	5,294	193,761	32,203	53,296	227,018
31	YESHIVA UNIV	24,926	20,413	14,458	0	0	5,433	514	8	4,513
32	UNIV OF IOWA	24,914	17,878	10,798	0	0	3,944	2,383	753	7,036
33	UNIV OF TEXAS AT AUSTIN	24,666	20,237	14,116	20	190	3,323	1,918	670	4,429
34	PENNSYLVANIA STATE UNIV	24,629	21,260	12,386	25	167	2,428	487	5,767	3,369
35	PURDUE UNIV	24,443	22,280	14,728	21	53	2,593	817	4,068	2,163
36	UNIV OF FLORIDA	23,357	18,723	10,368	41	19	4,736	494	3,065	4,634
37	CASE WESTERN RESERVE UNIV	22,979	19,240	12,259	15	0	6,310	595	61	3,739
38	UNIV OF MIAMI	22,848	16,649	12,424	14	1,260	2,392	441	118	6,199
39	UNIV OF MISSOURI COLUMBIA	22,348	15,986	7,343	840	5	2,914	649	4,235	6,362
40	NORTHWESTERN UNIV	22,245	16,148	11,052	0	57	4,415	503	121	6,097
	TOTAL 1ST 40 INSTS.	1,556,651	1,281,092	911,891	16,741	7,045	232,249	41,004	72,162	275,559
41	CAL INST OF TECH	20,490	20,456	17,074	0	290	1,633	1,420	39	34
42	TEXAS A & M UNIV	20,479	19,425	9,486	145	329	443	668	8,354	1,054
43	LA ST U MED CT SHREVEPORT	20,475	4,958	0	4,958	0	0	0	0	15,517
44	U OF ALA IN BIRMINGHAM	19,516	10,970	8,823	0	11	1,525	592	19	8,546
45	RUTGERS UNIVERSITY	19,489	14,537	8,143	13	44	2,356	1,419	2,562	4,952
46	UNIV OF HAWAII	19,011	14,351	11,021	28	724	1,295	395	888	4,660
47	UNIV OF KENTUCKY	18,701	14,070	7,243	0	182	1,898	356	4,481	4,631
48	N C STATE UNIV AT RALEIGH	18,174	17,377	7,269	70	122	908	1,261	7,747	797
49	UNIV OF CAL DAVIS	18,141	14,784	11,408	222	470	1,754	890	40	3,357
50	UNIV OF ARIZONA	18,100	14,077	10,148	28	10	2,152	256	1,483	4,023
	TOTAL 1ST 50 INSTS.	1,749,227	1,426,097	1,002,536	22,205	9,227	246,123	48,261	97,775	323,130
51	ST LOUIS UNIV	18,044	6,737	4,504	535	0	1,268	261	169	11,307
52	TEMPLE UNIV	17,647	11,407	8,735	0	0	2,117	482	73	6,240
53	IOWA ST U OF SCIENCE&TECH	17,369	9,587	4,676	462	30	768	240	3,411	7,782
54	UNIV OF KANSAS	17,130	12,513	7,847	3	0	3,411	1,152	100	4,617
55	MEHARRY MEDICAL COL	16,883	2,385	1,627	0	0	676	80	2	14,498
56	UNIV OF MD COLLEGE PARK	16,877	14,918	10,380	54	13	1,182	1,237	2,043	1,959

17 CORNELL UNIV	41,367	38,953	23,893	2,744	19	5,515	820	5,963	2,519
18 NEW YORK UNIV	40,496	29,866	20,780	91	39	8,217	639	101	10,630
19 YALE UNIV	38,400	33,572	23,092	258	0	7,919	2,198	105	4,828
20 UNIV OF CHICAGO	37,819	34,615	26,479	202	0	7,345	591	38	3,204
TOTAL 1ST 20 INSTS.	1,036,669	869,040	642,012	14,113	4,318	141,959	21,110	45,528	167,629
21 UNIV OF COLORADO	32,720	24,141	16,447	35	0	4,937	1,870	852	8,579
22 UNIV OF SOUTHERN CAL	30,733	21,341	14,978	413	499	4,671	544	236	9,392
23 UNIV OF N C AT CHAP HILL	30,321	24,838	16,160	6	0	6,149	2,297	226	5,483
24 DUKE UNIV	29,157	25,509	16,714	223	413	6,210	1,155	794	3,648
25 WASHINGTON UNIV	28,480	25,226	15,224	0	0	6,151	836	15	3,254
26 UNIV OF CAL SAN FRANCISCO	26,906	22,775	16,064	142	0	6,054	494	21	4,131
27 MICHIGAN STATE UNIV	26,810	20,314	10,957	285	0	3,746	617	4,709	6,496
28 UNIV OF UTAH	26,072	18,198	12,786	252	0	3,787	1,234	139	7,874
29 UNIV OF PITTSBURGH	25,931	17,990	10,984	38	0	5,580	671	717	7,941
30 UNIV OF ROCHESTER	25,497	22,906	16,633	258	64	4,517	1,375	59	2,591
TOTAL 1ST 30 INSTS.	1,319,296	1,092,278	791,959	15,765	5,294	193,761	32,283	53,296	227,018
31 YESHIVA UNIV	24,926	20,413	14,458	0	0	5,433	514	8	4,513
32 UNIV OF IOWA	24,914	17,878	10,798	0	0	3,944	2,383	753	7,036
33 UNIV OF TEXAS AT AUSTIN	24,666	20,237	14,116	20	190	3,323	1,918	670	4,429
34 PENNSYLVANIA STATE UNIV	24,629	21,260	12,386	25	167	2,428	487	5,767	3,369
35 PURDUE UNIV	24,443	22,280	14,728	21	53	2,593	817	4,068	2,163
36 UNIV OF FLORIDA	23,357	18,723	10,368	41	19	4,736	494	3,065	4,634
37 CASE WESTERN RESERVE UNIV	22,979	19,240	12,259	15	0	6,310	595	61	3,739
38 UNIV OF MIAMI	22,848	16,649	12,424	14	1,260	2,392	441	116	6,199
39 UNIV OF MISSOURI COLUMBIA	22,348	15,986	7,343	840	5	2,914	649	4,235	6,362
40 NORTHWESTERN UNIV	22,245	16,148	11,052	0	57	4,415	503	121	6,097
TOTAL 1ST 40 INSTS.	1,556,651	1,281,092	911,891	16,741	7,045	232,249	41,004	72,162	275,559
41 CAL INST OF TECH	20,490	20,456	17,074	0	290	1,633	1,420	39	34
42 TEXAS A & M UNIV	20,479	19,425	9,486	145	329	443	668	8,354	1,054
43 LA ST U MED CT SHREVEPORT	20,475	4,958	0	4,958	0	0	0	0	15,517
44 U OF ALA IN BIRMINGHAM	19,516	10,970	8,823	0	11	1,525	592	19	8,546
45 RUTGERS UNIVERSITY	19,489	14,537	8,143	13	44	2,356	1,419	2,562	4,952
46 UNIV OF HAWAII	19,011	14,351	11,021	28	724	1,295	395	886	4,660
47 UNIV OF KENTUCKY	18,701	14,070	7,243	0	182	1,808	356	4,481	4,631
48 N C STATE UNIV AT RALEIGH	18,174	17,377	7,269	70	122	908	1,261	7,747	797
49 UNIV OF CAL DAVIS	18,141	14,784	11,408	222	470	1,754	890	40	3,357
50 UNIV OF ARIZONA	18,108	14,077	10,148	28	10	2,152	256	1,483	4,023
TOTAL 1ST 50 INSTS.	1,749,227	1,426,097	1,002,506	22,205	9,227	246,123	48,261	97,775	323,130
51 ST LOUIS UNIV	18,044	6,737	4,504	535	0	1,268	261	169	11,307
52 TEMPLE UNIV	17,647	11,407	8,735	0	0	2,117	482	73	6,240
53 IOWA ST U OF SCIENCE&TECH	17,369	9,587	4,676	462	30	768	240	3,411	7,782
54 UNIV OF KANSAS	17,130	12,513	7,847	3	0	3,411	1,152	100	4,617
55 MEHARRY MEDICAL COL	16,883	2,385	1,627	0	0	676	80	2	14,498
56 UNIV OF MD COLLEGE PARK	16,877	14,918	10,389	54	13	1,182	1,237	2,043	1,959
57 UNIV OF GEORGIA	16,845	14,235	6,884	0	100	1,335	208	5,708	2,610
58 BAYLOR COL OF MEDICINE	16,811	14,334	11,125	0	0	2,161	383	665	2,477
59 VANDERBILT UNIV	16,347	13,311	9,269	0	0	3,018	834	191	3,036
60 U TEX SW MED SCH DALLAS	16,298	9,783	5,365	1,938	0	2,134	340	6	6,515
61 PRINCETON UNIV	16,145	15,167	13,284	116	0	1,470	259	38	978
62 BOSTON UNIV	15,445	11,551	6,471	0	0	4,569	401	110	3,894
63 SUNY ST U BUFFALO	15,305	10,881	7,338	0	0	2,875	533	135	4,424
64 COLORADO STATE UNIV	15,155	13,194	10,278	39	0	801	256	1,820	1,961

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CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES IN DESCENDING ORDER OF AMOUNTS RECEIVED, BY INSTITUTION AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL ACADEMIC SCIENCE	ACADEMIC SCIENCE: RESEARCH AND DEVELOPMENT	ACADEMIC SCIENCE: R&D PLANT	ACADEMIC SCIENCE: FACIL. FOR INSTR. IN SCI. & ENG	ACADEMIC SCIENCE: FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	ACADEMIC SCIENCE: GENERAL SUPPORT FOR SCIENCE	ACADEMIC SCIENCE: OTHER SCIENCE	NON-SCIENCE
65	TULANE UNIV	15,048	11,488	6,963	0	2	3,026	1,438	159	3,560
66	UNIV OF ARK	14,756	9,224	3,789	0	177	1,303	306	3,649	5,532
67	OREGON STATE UNIV	14,465	12,963	9,486	4	425	848	192	2,006	1,502
68	NEW YORK MEDICAL COL	14,025	4,028	3,009	0	0	735	277	7	9,997
69	UNIV OF TENN AT KNOXVILLE	14,024	12,157	5,210	89	11	1,818	176	4,853	1,867
70	UNIV OF VIRGINIA	13,922	10,353	6,279	12	0	2,936	620	506	3,569
71	INDIANA UNIV-BLOOMINGTON	13,497	9,743	6,345	156	38	2,094	157	953	3,754
72	WOODS HOLE OCEAN INST	13,493	13,493	11,247	0	1,935	32	101	178	0
73	GEORGETOWN UNIV	13,476	5,871	4,018	0	11	1,393	344	105	7,605
74	TUFTS UNIV	12,985	6,522	4,608	397	0	1,188	290	39	6,463
75	GEORGE WASHINGTON UNIV	12,698	8,913	6,795	0	70	1,267	262	519	3,785
76	DARTMOUTH COL	12,485	7,839	4,018	1,697	0	1,136	280	708	4,646
77	INDIANA UNIV-INDIANAPOLIS	12,434	5,471	3,454	0	0	1,686	319	12	6,963
78	UNIV OF OKLAHOMA	12,134	7,816	3,896	12	0	2,568	397	943	4,318
79	WEST VIRGINIA UNIV	11,913	8,173	3,336	46	0	1,918	375	2,496	3,740
80	WAYNE STATE UNIV	11,865	7,016	4,083	0	12	2,318	379	224	4,849
81	EMORY UNIV	11,717	9,190	5,378	0	42	2,676	944	150	2,527
82	UNIV OF CONNECTICUT	11,585	8,888	5,220	0	12	2,156	343	1,157	2,697
83	UNIV OF CINCINNATI	11,375	7,818	4,169	0	0	3,111	305	233	3,557
84	UNIV OF NEW MEXICO	11,005	5,752	4,189	0	41	1,175	220	127	5,253
85	OKLAHOMA STATE UNIV	11,003	9,257	4,100	0	0	823	389	3,945	1,746
86	AUBURN UNIV	10,999	9,145	3,779	0	0	585	63	4,718	1,854
87	CUNY MT SINAI SCH OF MED	10,988	10,165	7,173	0	0	2,437	382	173	823
88	UNIV OF OREGON - EUGENE	10,846	8,682	5,553	6	0	2,207	711	205	2,164
89	UNIV OF MISSOURI KAN CITY	10,766	480	298	0	0	52	88	42	10,286
90	NEW MEXICO STATE UNIV	10,672	9,573	6,983	0	0	288	149	2,153	1,099
91	UNIV OF MD BALTIMORE	10,479	7,624	5,447	0	0	1,807	268	102	2,855
92	CARNEGIE MELLON UNIV	10,436	9,907	6,860	0	0	708	2,112	227	529
93	U TEX HOUSTON MED SCHOOL	10,204	7,644	6,715	0	0	634	286	9	2,560
94	U OF TENN MED UNITS MEMPH	10,181	5,474	3,865	0	0	1,254	228	127	4,707
95	LA ST UNIV BATON ROUGE	10,065	9,105	4,325	0	137	730	98	3,815	960
96	KANSAS STATE UNIV	9,855	6,135	2,902	12	4	519	228	2,570	3,720
97	UNIV OF MASS AMHERST	9,741	7,559	4,307	60	72	749	692	1,659	2,182
98	UNIV OF NEBRASKA-LINCOLN	9,699	6,700	3,530	0	18	868	168	2,116	2,999
99	FLORIDA STATE UNIV	9,629	8,629	5,530	47	50	2,144	223	635	1,000
100	GALLAUDET COL	9,504	495	244	0	0	240	11	0	9,009
	TOTAL 100 INSTS.	2,405,497	1,875,392	1,287,200	27,910	12,427	325,337	68,748	153,770	530,105

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TOTAL FEDERAL OBLIGATIONS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	3,480,150	214,597	105,836	9,673	241,773	37,521	27,160	2,263,406	22,617	134,054	387,737	10,824	24,952
	TOTAL, 100 INSTITUTIONS	2,405,497	166,324	91,265	5,745	193,789	28,218	19,670	1,460,201	13,408	115,493	285,159	7,478	18,747
1	MASS INST OF TECH	89,574	30	7,784	194	26,979	0	382	12,572	807	28,018	11,291	1,271	246
2	UNIV OF MINNESOTA	72,534	5,187	1,850	0	1,715	227	1,017	55,322	453	2,882	3,094	159	628
3	UNIV OF MICHIGAN	60,881	91	2,792	178	8,320	741	554	32,365	130	4,541	10,219	360	588
4	UNIV OF WISCONSIN MADISON	57,320	5,281	2,965	218	1,311	7,361	607	29,057	323	2,766	6,736	0	695
5	UNIV OF WASHINGTON	56,535	133	2,483	1,207	5,309	0	630	34,939	211	650	8,825	148	0
6	STANFORD UNIV	54,648	0	623	21	9,803	0	413	27,133	66	4,674	10,843	120	952
7	HARVARD UNIV	54,037	0	1,918	102	3,318	868	516	35,760	36	5,065	5,645	100	709
8	UNIV OF CAL LOS ANGELES	54,030	85	4,928	0	4,228	292	548	35,719	304	2,667	4,575	599	85
9	UNIV OF CAL BERKELEY	52,279	5,932	586	57	4,714	1,524	609	21,681	440	7,360	9,082	210	85
10	COLUMBIA UNIV	52,219	0	4,896	428	3,952	700	74	31,354	98	2,402	7,929	0	386
11	HOWARD UNIV	51,543	7	89	180	0	5,095	33	45,863	0	170	94	0	12
12	UNIV OF CAL SAN DIEGO	49,650	0	2,112	50	10,639	1,154	203	14,225	0	3,961	17,271	35	0
13	JOHNS HOPKINS UNIV	45,548	0	1,030	50	2,243	0	168	36,307	63	2,254	2,866	445	122
14	UNIV OF ILLINOIS-URBANA	44,244	6,709	4,061	0	14,159	144	441	10,587	299	755	6,481	35	573
15	OHIO STATE UNIV	42,160	7,096	818	100	3,185	0	159	25,720	287	521	3,427	79	768
16	UNIV OF PENNSYLVANIA	41,385	34	1,531	0	3,449	247	89	29,703	103	425	5,555	185	64
17	CORNELL UNIV	41,367	7,362	1,579	2	3,306	0	225	17,272	297	907	9,844	0	573
18	NEW YORK UNIV	40,496	15	1,779	41	2,239	0	565	32,371	35	787	2,429	58	177
19	YALE UNIV	38,400	16	2,974	0	1,387	0	14	26,620	71	530	5,594	0	194
20	UNIV OF CHICAGO	37,819	0	4,772	324	1,658	0	89	21,037	0	3,523	6,323	0	93
21	UNIV OF COLORADO	32,720	75	751	570	1,341	209	97	23,244	122	1,866	4,387	55	3
22	UNIV OF SOUTHERN CAL	30,733	87	391	0	2,828	2,294	480	21,196	11	884	2,157	225	180
23	UNIV OF N C AT CHAP HILL	30,321	0	412	129	1,282	78	405	21,242	0	125	3,409	0	3,239
24	DUKE UNIV	29,157	0	842	15	4,374	140	9	20,603	20	167	2,471	16	500
25	WASHINGTON UNIV	28,480	0	279	0	1,539	0	0	23,616	0	876	1,868	0	302
26	UNIV OF CAL SAN FRANCISCO	26,906	0	818	0	320	0	9	25,363	0	106	290	0	0
27	MICHIGAN STATE UNIV	26,810	5,930	1,835	0	256	306	353	13,315	166	69	3,408	211	961
28	UNIV OF UTAH	26,072	0	1,444	20	2,506	731	275	18,052	179	361	2,419	0	85
29	UNIV OF PITTSBURGH	25,931	3	443	4	1,169	0	273	20,836	175	721	2,159	148	0
30	UNIV OF ROCHESTER	25,497	0	4,635	0	1,573	0	37	15,067	0	192	3,983	0	10
31	YESHIVA UNIV	24,926	0	103	0	378	0	0	23,583	0	0	862	0	0
32	UNIV OF IOWA	24,914	0	58	0	1,048	0	345	17,758	53	2,023	3,483	146	0
33	UNIV OF TEXAS AT AUSTIN	24,666	10	1,136	14	5,978	174	182	10,120	109	1,539	5,236	0	168
34	PENNSYLVANIA STATE UNIV	24,629	8,232	439	28	1,434	0	568	8,963	1,083	663	3,132	87	0
35	PURDUE UNIV	24,443	5,474	1,666	100	1,963	0	306	7,213	209	2,745	3,939	78	750
36	UNIV OF FLORIDA	23,357	4,469	384	0	998	0	633	14,066	179	562	1,916	0	150
37	CASE WESTERN RESERVE UNIV	22,979	0	1,188	0	1,065	0	116	17,730	163	581	2,097	0	39
38	UNIV OF MIAMI	22,848	0	320	127	2,500	262	57	14,911	0	435	3,538	698	0
39	UNIV OF MISSOURI COLUMBIA	22,348	5,890	40	6	915	0	140	13,551	180	192	1,340	10	84
40	NORTHWESTERN UNIV	22,245	4	184	0	1,662	250	321	15,411	20	1,436	2,782	175	0
41	CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
42	TEXAS A & M UNIV	20,479	11,070	1,061	269	1,846	0	90	1,796	168	759	3,215	204	1
43	LA ST U MED CT SHREVEPORT	20,475	0	0	0	0	0	0	20,475	0	0	0	0	0
44	U OF ALA IN BIRMINGHAM	19,516	0	0	0	760	0	0	18,603	0	0	153	0	0
45	RUTGERS UNIVERSITY	19,489	2,574	94	0	247	531	368	11,225	196	110	4,110	0	14
46	UNIV OF HAWAII	19,011	1,393	695	46	1,978	340	404	8,513	123	1,050	4,469	0	0
47	UNIV OF KENTUCKY	18,701	7,268	79	104	697	0	220	8,615	368	248	575	0	527
48	N C STATE UNIV AT RALEIGH	18,174	9,198	511	0	342	228	445	3,662	201	446	2,274	0	867
49	UNIV OF CAL DAVIS	18,141	929	2,338	0	269	498	204	11,529	11	290	2,073	0	0
50	UNIV OF ARIZONA	18,100	1,997	348	6	3,064	0	235	8,207	269	1,528	2,446	0	0
51	ST LOUIS UNIV	18,044	0	0	0	92	0	0	17,511	0	0	431	0	10
52	TEMPLE UNIV	17,647	0	98	0	86	0	20	16,516	0	27	660	40	200
53	IOWA ST U OF SCIENCE&TECH	17,369	5,375	29	0	583	0	100	9,997	298	45	904	0	38
54	UNIV OF KANSAS	17,130	0	400	0	192	0	69	14,046	138	685	1,600	0	0
55	MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
56	UNIV OF MD COLLEGE PARK	16,877	2,660	2,375	17	1,577	125	85	3,504	170	2,120	4,229	15	0
57	UNIV OF GEORGIA	16,845	6,994	537	306	253	0	111	5,727	185	203	2,329	0	200

17 CORNELL UNIV	41,[illegible]	[illegible]	[illegible]	0	[illegible]	0	[illegible]	[illegible]	35	787	2,429	58	177
18 NEW YORK UNIV	40,496	15	1,779	41	2,239	0	565	32,371	35	787	2,429	58	177
19 YALE UNIV	38,400	16	2,974	0	1,387	0	14	26,620	71	530	6,594	0	194
20 UNIV OF CHICAGO	37,819	0	4,772	324	1,658	0	89	21,037	0	3,523	6,323	0	93
21 UNIV OF COLORADO	32,720	75	751	570	1,341	209	97	23,244	122	1,866	4,387	55	3
22 UNIV OF SOUTHERN CAL	30,733	87	391	0	2,828	2,294	480	21,196	11	884	2,157	295	180
23 UNIV OF N C AT CHAP HILL	30,321	0	412	129	1,282	78	405	21,242	0	125	3,409	0	3,239
24 DUKE UNIV	29,157	0	842	15	4,374	140	9	20,603	20	167	2,471	16	500
25 WASHINGTON UNIV	28,480	0	279	0	1,539	0	0	23,616	0	876	1,868	0	302
26 UNIV OF CAL SAN FRANCISCO	26,906	0	818	0	320	0	9	25,363	0	106	290	0	0
27 MICHIGAN STATE UNIV	26,810	5,930	1,835	0	256	306	353	13,315	166	69	3,488	211	961
28 UNIV OF UTAH	26,072	0	1,444	20	2,506	731	275	18,052	179	361	2,419	0	85
29 UNIV OF PITTSBURGH	25,931	3	443	4	1,169	0	273	20,836	175	721	2,159	148	0
30 UNIV OF ROCHESTER	25,497	0	4,635	0	1,573	0	37	15,067	0	192	3,983	0	10
31 YESHIVA UNIV	24,926	0	103	0	378	0	0	23,583	0	0	862	0	0
32 UNIV OF IOWA	24,914	0	58	0	1,048	0	345	17,758	53	2,023	3,483	146	0
33 UNIV OF TEXAS AT AUSTIN	24,666	10	1,136	14	5,978	174	182	10,120	109	1,539	5,236	0	168
34 PENNSYLVANIA STATE UNIV	24,629	8,232	439	28	1,434	0	568	8,963	1,083	663	3,132	87	0
35 PURDUE UNIV	24,443	5,474	1,666	100	1,963	0	306	7,213	209	2,745	3,939	78	750
36 UNIV OF FLORIDA	23,357	4,469	384	0	998	0	633	14,066	179	562	1,916	0	150
37 CASE WESTERN RESERVE UNIV	22,979	0	1,188	0	1,065	0	116	17,730	163	591	2,097	0	39
38 UNIV OF MIAMI	22,848	0	320	127	2,500	262	57	14,911	0	435	3,538	698	0
39 UNIV OF MISSOURI COLUMBIA	22,348	5,890	40	6	915	0	140	13,551	180	192	1,340	10	84
40 NORTHWESTERN UNIV	22,245	4	184	0	1,662	250	321	15,411	20	1,436	2,782	175	0
41 CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
42 TEXAS A & M UNIV	20,479	11,070	1,061	269	1,846	0	90	1,796	168	759	3,215	204	1
43 LA ST U MED CT SHREVEPORT	20,475	0	0	0	0	0	0	20,475	0	0	0	0	0
44 U OF ALA IN BIRMINGHAM	19,516	0	0	0	760	0	0	18,603	0	0	153	0	0
45 RUTGERS UNIVERSITY	19,489	2,574	94	0	247	531	368	11,225	196	110	4,110	0	14
46 UNIV OF HAWAII	19,011	1,393	695	46	1,978	340	404	8,513	123	1,050	4,469	0	0
47 UNIV OF KENTUCKY	18,701	7,268	79	104	697	0	220	8,615	368	248	575	0	527
48 N C STATE UNIV AT RALEIGH	18,174	9,198	511	0	342	228	445	3,662	201	446	2,274	0	867
49 UNIV OF CAL DAVIS	18,141	929	2,338	0	269	498	204	11,529	11	290	2,073	0	0
50 UNIV OF ARIZONA	18,100	1,997	348	6	3,064	0	235	8,207	269	1,528	2,446	0	0
51 ST LOUIS UNIV	18,044	0	0	0	92	0	0	17,511	0	0	431	0	10
52 TEMPLE UNIV	17,647	0	98	0	86	0	20	16,516	0	27	660	40	200
53 IOWA ST U OF SCIENCE&TECH	17,369	5,375	29	0	583	0	100	9,997	298	45	904	0	38
54 UNIV OF KANSAS	17,130	0	400	0	192	0	69	14,046	138	695	1,600	0	0
55 MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
56 UNIV OF MD COLLEGE PARK	16,877	2,680	2,375	17	1,577	125	85	3,504	170	2,120	4,229	15	0
57 UNIV OF GEORGIA	16,845	6,994	537	306	253	0	111	5,727	185	203	2,329	0	200
58 BAYLOR COL OF MEDICINE	16,811	0	9	0	159	0	0	16,284	0	286	73	0	0
59 VANDERBILT UNIV	16,347	0	130	0	336	0	390	14,274	0	70	1,147	0	0
60 U TEX SW MED SCH DALLAS	16,298	0	34	0	45	0	0	16,139	0	80	0	0	0
61 PRINCETON UNIV	16,145	0	2,564	64	1,968	0	48	4,469	0	3,424	3,494	107	7
62 BOSTON UNIV	15,445	0	26	0	277	0	0	14,259	0	196	599	88	0
63 SUNY ST U BUFFALO	15,305	0	187	0	0	0	33	13,143	68	198	1,657	0	19
64 COLORADO STATE UNIV	15,155	2,520	239	112	827	0	861	4,860	909	471	3,739	0	617
65 TULANE UNIV	15,048	0	69	0	135	344	25	12,704	0	126	1,645	0	0
66 UNIV OF ARK	14,756	4,906	100	66	0	0	99	8,684	141	32	728	0	0
67 OREGON STATE UNIV	14,465	2,754	444	36	1,220	0	685	4,286	291	201	3,965	0	593
68 NEW YORK MEDICAL COL	14,025	0	0	0	182	0	0	13,698	0	0	145	0	0
69 UNIV OF TENN AT KNOXVILLE	14,024	6,590	1,550	0	610	0	13	4,005	175	251	815	0	10
70 UNIV OF VIRGINIA	13,922	0	281	0	986	0	12	10,364	25	591	1,661	2	0
71 INDIANA UNIV-BLOOMINGTON	13,497	0	224	0	259	0	56	8,624	34	296	3,345	209	450
72 WOODS HOLE OCEAN INST	13,493	0	632	75	6,878	0	84	83	70	44	5,604	23	0
73 GEORGETOWN UNIV	13,476	0	39	0	408	0	35	12,322	0	46	587	19	0
74 TUFTS UNIV	12,985	0	355	0	247	1,774	76	9,941	0	50	492	0	50
75 GEORGE WASHINGTON UNIV	12,698	0	20	30	1,585	553	136	8,811	35	977	406	0	145

TABLE B-10
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
76	DARTMOUTH COL	12,485	0	31	0	426	0	22	10,220	33	147	1,606	0	0
77	INDIANA UNIV-INDIANAPOLIS	12,434	0	0	0	0	0	0	12,286	0	0	148	0	0
78	UNIV OF OKLAHOMA	12,134	0	80	311	466	0	214	8,829	0	76	1,888	270	0
79	WEST VIRGINIA UNIV	11,913	3,555	0	24	18	0	636	6,232	463	90	681	129	85
80	WAYNE STATE UNIV	11,865	0	89	0	463	177	30	9,971	0	45	835	204	111
81	EMORY UNIV	11,717	0	52	0	82	0	0	10,518	0	147	918	0	0
82	UNIV OF CONNECTICUT	11,585	1,351	115	0	694	0	83	7,863	146	285	1,048	0	0
83	UNIV OF CINCINNATI	11,375	0	156	0	700	0	389	9,533	0	80	517	0	0
84	UNIV OF NEW MEXICO	11,005	0	60	20	1,472	311	14	7,561	0	752	738	75	0
85	OKLAHOMA STATE UNIV	11,003	4,362	17	0	1,296	0	165	2,861	196	904	1,184	0	38
86	AUBURN UNIV	10,999	6,407	17	9	480	0	0	3,189	190	407	300	0	0
87	CUNY MT SINAI SCH OF MED	10,988	0	12	0	176	0	4	10,708	0	10	78	0	0
88	UNIV OF OREGON - EUGENE	10,846	0	347	0	249	540	0	7,000	0	445	2,180	0	85
89	UNIV OF MISSOURI KAN CITY	10,786	0	0	0	0	0	21	10,618	33	26	68	0	0
90	NEW MEXICO STATE UNIV	10,672	1,992	2	0	4,418	0	71	1,482	526	1,634	458	89	0
91	UNIV OF MD BALTIMORE	10,479	0	0	0	722	0	0	9,587	0	170	0	0	0
92	CARNEGIE MELLON UNIV	10,436	0	1,631	31	2,402	0	33	1,822	221	166	3,946	168	16
93	U TEX HOUSTON MED SCHOOL	10,204	0	0	0	0	0	0	10,204	0	0	0	0	0
94	U OF TENN MED UNITS MEMPH	10,181	0	94	0	288	0	0	9,755	0	0	44	0	0
95	LA ST UNIV BATON ROUGE	10,065	4,986	185	0	793	0	261	1,987	130	321	1,402	0	0
96	KANSAS STATE UNIV	9,855	3,526	211	0	133	0	77	4,631	198	21	937	0	121
97	UNIV OF MASS AMHERST	9,741	2,521	258	0	568	0	482	3,240	247	202	2,283	0	0
98	UNIV OF NEBRASKA-LINCOLN	9,699	3,244	50	20	77	0	41	5,489	183	15	580	0	0
99	FLORIDA STATE UNIV	9,629	0	1,055	34	838	0	58	3,777	0	100	2,462	183	1,122
100	GALLAUDET COL	9,504	0	0	0	0	0	0	9,493	0	0	11	0	0

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-11

FEDERAL OBLIGATIONS FOR ACADEMIC SCIENCE TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	2,335,868	214,597	105,836	7,637	241,773	16,378	27,160	1,142,338	22,582	134,054	387,737	10,624	24,952
	TOTAL, 100 INSTITUTIONS	1,915,907	186,333	93,300	5,746	203,666	13,367	20,978	933,556	15,713	116,508	297,285	8,002	21,453
1	MASS INST OF TECH	88,823	30	7,784	194	26,979	0	382	11,821	807	28,018	11,291	1,271	246
2	UNIV OF MICHIGAN	53,505	91	2,792	178	8,320	448	556	25,282	130	4,541	10,219	360	588
3	STANFORD UNIV	52,280	0	623	21	9,803	0	413	24,765	46	4,674	10,843	120	952
4	UNIV OF WISCONSIN MADISON	52,124	5,281	2,965	218	1,311	7,361	607	25,861	323	2,766	6,736	0	695
5	HARVARD UNIV	50,119	0	1,918	102	3,318	745	516	31,965	36	5,045	5,645	100	709
6	UNIV OF WASHINGTON	49,576	133	2,483	1,207	5,309	0	630	29,980	211	650	8,825	148	0
7	UNIV OF CAL LOS ANGELES	47,574	85	4,928	0	4,228	292	548	29,263	304	2,667	4,575	599	85
8	UNIV OF CAL SAN DIEGO	47,553	0	2,112	50	10,639	0	203	13,282	0	3,961	17,271	35	0
9	COLUMBIA UNIV	47,450	0	4,896	428	3,952	578	74	28,707	98	2,402	7,929	0	386
10	UNIV OF CAL BERKELEY	46,725	5,932	586	57	4,714	828	608	16,823	440	7,360	9,082	210	85
11	UNIV OF MINNESOTA	43,812	5,187	1,850	0	1,715	210	1,017	26,617	453	2,882	3,094	159	628
12	UNIV OF ILLINOIS-URBANA	41,538	6,709	4,061	0	14,159	0	441	8,025	299	755	6,481	35	573
13	JOHNS HOPKINS UNIV	39,070	0	1,030	50	2,243	0	168	29,829	63	2,254	2,866	445	122
14	CORNELL UNIV	38,953	7,362	1,579	2	3,306	0	225	14,858	297	907	9,844	0	573
15	UNIV OF PENNSYLVANIA	36,405	34	1,531	0	3,449	247	89	24,723	103	425	5,555	195	64
16	UNIV OF CHICAGO	34,615	0	4,772	319	1,658	0	89	17,838	0	3,523	6,323	0	93
17	YALE UNIV	33,572	16	2,974	0	1,387	0	14	21,792	71	530	6,594	0	194
18	OHIO STATE UNIV	32,119	7,096	818	0	3,185	0	159	15,779	287	521	3,427	79	768
19	NEW YORK UNIV	29,866	15	1,779	41	2,239	0	565	21,741	35	787	2,429	58	177
20	DUKE UNIV	25,509	0	842	15	4,374	0	9	17,095	20	167	2,471	16	500
21	WASHINGTON UNIV	25,226	0	279	0	1,539	0	0	20,362	0	876	1,868	0	302
22	UNIV OF N C AT CHAP HILL	24,838	0	412	129	1,282	0	405	15,837	0	125	3,409	0	3,239
23	UNIV OF COLORADO	24,141	75	751	570	1,341	209	97	14,665	122	1,846	4,387	55	3
24	UNIV OF ROCHESTER	22,906	0	4,635	0	1,573	0	37	12,476	0	192	3,983	0	10
25	UNIV OF CAL SAN FRANCISCO	22,775	0	818	0	320	0	9	21,232	0	196	290	0	0
26	PURDUE UNIV	22,280	5,474	1,666	100	1,963	0	306	5,050	299	2,745	3,939	78	750
27	UNIV OF SOUTHERN CAL	21,341	87	391	0	2,828	0	480	14,098	11	884	2,157	225	180
28	PENNSYLVANIA STATE UNIV	21,260	8,232	439	28	1,434	0	568	5,594	1,083	663	3,132	87	0
29	CAL INST OF TECH	20,456	0	2,397	0	1,489	0	215	4,603	285	4,179	7,288	0	0
30	YESHIVA UNIV	20,413	0	103	0	378	0	0	19,070	0	0	862	0	0
31	MICHIGAN STATE UNIV	20,314	5,930	1,835	0	256	306	353	6,819	166	69	3,408	211	961
32	UNIV OF TEXAS AT AUSTIN	20,237	10	1,136	14	5,978	174	182	5,691	109	1,539	5,236	0	168
33	TEXAS A & M UNIV	19,425	11,070	1,061	133	1,846	0	90	878	168	759	3,215	204	1
34	CASE WESTERN RESERVE UNIV	19,240	0	1,188	0	1,065	0	116	13,991	163	581	2,097	0	39
35	UNIV OF FLORIDA	18,723	4,469	384	0	998	0	633	9,432	179	562	1,916	0	150
36	UNIV OF UTAH	18,198	0	1,444	20	2,506	0	275	10,909	179	361	2,419	0	85
37	UNIV OF PITTSBURGH	17,990	3	443	0	1,169	0	273	12,899	175	721	2,159	148	0
38	UNIV OF IOWA	17,878	0	58	0	1,048	0	345	10,722	53	2,023	3,483	146	0
39	N C STATE UNIV AT RALEIGH	17,377	9,198	511	0	342	0	445	3,093	201	446	2,274	0	867
40	UNIV OF MIAMI	16,649	0	320	127	2,500	0	57	8,974	0	435	3,536	698	0
41	NORTHWESTERN UNIV	16,148	4	184	0	1,662	0	321	9,564	20	1,436	2,782	175	0
42	UNIV OF MISSOURI COLUMBIA	15,986	5,890	40	6	915	0	140	7,189	180	192	1,340	10	84
43	PRINCETON UNIV	15,167	0	2,564	64	1,968	0	48	3,491	0	3,424	3,494	107	7
44	UNIV OF MD COLLEGE PARK	14,918	2,660	2,375	17	1,577	125	84	1,545	170	2,120	4,229	15	0
45	UNIV OF CAL DAVIS	14,784	929	2,338	0	269	0	204	8,670	11	290	2,073	0	0
46	RUTGERS UNIVERSITY	14,537	2,574	94	0	267	0	369	6,804	196	110	4,110	0	14
47	UNIV OF HAWAII	14,351	1,393	695	46	1,978	340	404	3,853	123	1,050	4,469	0	0
48	BAYLOR COL OF MEDICINE	14,334	0	9	0	159	0	0	13,807	0	286	73	0	0
49	UNIV OF GEORGIA	14,235	6,994	537	306	253	0	111	3,117	185	203	2,329	0	200
50	UNIV OF ARIZONA	14,077	1,997	348	6	3,044	0	235	4,184	269	1,528	2,446	0	0
51	UNIV OF KENTUCKY	14,070	7,268	79	104	697	0	220	3,984	368	248	575	0	527
52	WOODS HOLE OCEAN INST	13,493	0	632	75	6,878	0	84	83	70	44	5,604	23	0
53	VANDERBILT UNIV	13,311	0	130	0	336	0	390	11,238	0	70	1,147	0	0
54	COLORADO STATE UNIV	13,194	2,520	239	112	827	0	861	2,904	904	471	3,739	0	617
55	OREGON STATE UNIV	12,963	2,754	444	36	1,220	0	685	2,784	281	201	3,965	0	593
56	UNIV OF KANSAS	12,513	0	400	0	192	0	69	9,429	138	685	1,600	0	0

TABLE D-11
(CONTINUED)

PROGRAM OBLIGATIONS FOR ATMOSPHERIC RESEARCH TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	NSF	COM	DOD	DOI	DOT	HEW	INT	NASA	VAP	ALL OTHERS
78	UNIV OF OKLAHOMA	0.580	1.331	119	1	899	1	81	0.186	146	233	1.240	0 0
77	UNIV OF COLORADO - BOULDER	0.587	0	347	1	269	503	1	0.173	0	443	0.193	0 89
76	FLORIDA STATE UNIV	0.609	0	1.799	56	838	1	49	0.777	0	133	0.602	193 1.120
75	VIRGINIA POLYTECHNIC INST	0.623	0.706	69	2	392	1	17	881	419	441	719	0 0
83	MASSACHUSETTS UNIV	0.648	0	299	1	98	1	1	0.178	0	0	908	0 0
91	UNIV OF ALASKA	0.621	1.123	172	429	0.361	1	151	883	197	992	0.851	0 0
92	BROWN UNIV	0.586	0	519	1	1.279	1	1	0.939	172	191	0.219	0 11
93	WEST VIRGINIA UNIV	0.573	0.539	0	24	18	1	434	0.482	443	92	881	129 88
94	MISSISSIPPI STATE UNIV	0.562	0.767	0	2	169	1	191	195	179	193	271	0 0
95	BATTELLE-NORTHWEST INC	0.539	0	31	0	429	1	27	0.179	73	197	1.028	0 0
96	UNIV OF CALIFORNIA	0.519	0	159	2	791	1	383	0.471	0	93	317	0 0
97	UNIV OF OKLAHOMA	0.518	0	99	211	665	1	934	0.911	0	76	1.088	179 0
98	UNIV OF CAL - IRVINE	0.489	0	893	19	0.391	1	1	0.718	0	0	1.292	0 0
99	WASHINGTON STATE UNIV	0.736	0.179	287	2	179	1	369	1.989	343	0	1.099	0 200
93	U TEX MEDICAL MED SCHOOL	0.666	0	0	1	0	1	1	0.666	0	0	0	0 0
91	UNIV OF WI MILWAUKEE	0.629	0	0	1	722	1	1	0.732	0	173	0	0 0
92	UNIV OF MASS AMHERST	0.598	0.921	736	2	349	1	682	1.199	267	212	0.293	0 0
93	UTAH STATE UNIV	0.634	1.613	91	0	1.121	1	127	773	814	91	0.117	79 32
94	SUNY ST U OLDSAN	0.128	83	37	2	208	127	62	1.669	0	0	1.861	0 0.121
93	KANSAS STATE UNIV	0.718	0	89	0	493	177	31	0.122	0	93	859	234 113
96	OREGON ST U OF TECH	0.826	0	619	1	3.169	1	693	738	279	331	793	193 0
97	ST LOUIS UNIV	0.737	0	9	2	82	1	1	0.224	0	0	431	0 13
98	UNIV OF NEBRASKA-LINCOLN	0.733	0.946	33	21	17	1	61	0.449	193	19	361	0 0
99	TUFTS UNIV	0.727	0	399	1	267	1	74	0.292	0	12	992	0 93
100	CLEMSON UNIV	0.721	0.149	93	1	171	1	203	189	193	95	439	0 0

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TABLE B-12

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971

(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	ABC	COM	DOD	DOT	EPA	HEW	INT	NASA	NSF	OEO	OTHERS
	TOTAL, ALL INSTITUTIONS	1,944,132	74,793	99,862	8,887	241,773	10,378	17,027	499,717	21,277	178,931	110,883	7,977	21,029
	TOTAL, 100 INSTITUTIONS	1,324,909	51,170	87,716	4,991	210,392	13,767	12,394	432,719	13,393	114,358	109,964	6,457	18,999
1	MASS INST OF TECH	81,931	30	6,937	194	26,979	0	286	9,797	607	27,996	8,813	1,123	270
2	STANFORD UNIV	41,786	0	522	91	9,883	0	213	19,535	60	4,376	7,389	120	940
3	UNIV OF MICHIGAN	40,819	91	2,965	72	8,390	448	383	19,932	122	4,486	8,263	334	460
4	COLUMBIA UNIV	37,989	0	4,677	428	3,992	978	69	18,938	98	2,382	6,547	0	398
5	HARVARD UNIV	37,198	0	1,703	192	3,318	749	290	21,496	30	5,044	3,677	180	678
6	UNIV OF WISCONSIN MADISON	36,871	1,989	2,818	218	1,311	7,361	220	19,532	290	2,766	3,899	0	495
7	UNIV OF CAL LOS ANGELES	34,829	89	4,326	0	4,228	292	948	20,761	299	2,687	3,972	448	0
8	UNIV OF CAL SAN DIEGO	34,583	0	2,112	98	10,639	0	283	18,387	0	3,961	9,206	35	0
9	UNIV OF WASHINGTON	34,079	133	2,163	1,207	5,349	0	284	20,699	211	650	3,419	0	0
10	UNIV OF CAL BERKELEY	32,999	976	479	97	4,716	829	533	11,161	410	7,347	6,269	210	3
11	UNIV OF ILLINOIS-URBANA	31,331	2,124	3,686	0	14,159	0	224	4,973	268	799	4,744	35	365
12	JOHNS HOPKINS UNIV	29,955	0	1,027	22	2,343	0	61	20,569	63	2,142	2,269	445	102
13	UNIV OF MINNESOTA	29,707	1,907	1,784	0	1,715	218	825	14,516	424	2,882	2,814	11	424
14	UNIV OF CHICAGO	28,479	0	4,598	319	1,698	0	89	13,859	0	3,523	3,610	0	51
15	UNIV OF PENNSYLVANIA	25,241	34	1,499	0	3,449	247	89	15,930	103	435	3,364	37	44
16	CORNELL UNIV	23,893	2,079	1,938	2	3,306	0	141	9,769	240	937	5,405	0	494
17	YALE UNIV	23,092	16	2,766	0	1,387	0	0	14,195	71	550	3,966	0	139
18	NEW YORK UNIV	20,780	19	1,668	41	2,239	0	164	13,744	38	987	1,876	58	193
19	WASHINGTON UNIV	18,224	0	239	0	1,930	0	0	13,883	0	870	1,844	0	293
20	CAL INST OF TECH	17,074	0	2,398	0	1,489	0	163	3,981	269	4,162	3,804	0	0
21	DUKE UNIV	16,714	0	880	19	4,374	0	9	9,985	20	167	1,328	16	0
22	UNIV OF ROCHESTER	16,633	0	4,270	0	1,573	0	37	7,786	0	192	2,775	0	0
23	UNIV OF COLORADO	16,447	79	706	512	1,341	209	29	9,209	122	1,866	2,259	96	0
24	UNIV OF N C AT CHAP HILL	16,160	0	406	179	1,282	0	232	9,564	0	129	1,193	0	3,239
25	UNIV OF CAL SAN FRANCISCO	16,004	0	676	0	320	0	0	14,899	0	108	294	0	0
26	OHIO STATE UNIV	15,946	2,109	797	0	3,195	0	86	5,937	258	521	2,258	79	726
27	UNIV OF SOUTHERN CAL	14,978	87	391	0	2,829	0	369	8,894	11	683	1,332	225	167
28	PURDUE UNIV	14,726	2,019	1,960	0	1,963	0	191	7,640	188	2,749	2,458	98	780
29	YESHIVA UNIV	14,458	0	103	0	378	0	0	13,257	0	0	720	0	0
30	UNIV OF TEXAS AT AUSTIN	14,116	10	1,069	14	9,978	174	87	2,728	109	1,584	2,279	0	168
31	PRINCETON UNIV	13,284	0	2,448	0	1,980	0	44	2,668	0	3,424	2,629	107	0
32	UNIV OF UTAH	12,786	0	1,265	70	2,906	0	216	6,941	179	361	1,298	0	0
33	UNIV OF MIAMI	12,424	0	306	119	2,500	0	97	6,366	0	356	1,992	698	0
34	PENNSYLVANIA STATE UNIV	12,386	2,825	388	71	1,434	0	272	3,501	1,063	663	2,134	87	0
35	CASE WESTERN RESERVE UNIV	12,299	0	1,188	0	1,049	0	92	7,746	163	476	1,550	0	39
36	UNIV OF CAL DAVIS	11,488	919	2,134	0	269	0	126	6,450	11	284	1,219	0	0
37	WOODS HOLE OCEAN INST	11,247	0	637	90	6,878	0	94	83	70	44	3,383	23	0
38	BAYLOR COL OF MEDICINE	11,129	0	9	0	199	0	0	10,810	0	258	41	0	0
39	NORTHWESTERN UNIV	11,092	4	178	0	1,662	0	118	5,480	20	1,396	2,166	27	0
40	UNIV OF HAWAII	11,021	934	897	46	1,978	348	331	2,587	99	1,094	3,194	0	0
41	UNIV OF PITTSBURGH	10,984	0	438	0	1,160	0	90	6,980	179	471	1,661	0	0
42	MICHIGAN STATE UNIV	10,957	1,748	1,742	0	296	306	314	3,384	138	69	2,098	211	741
43	UNIV OF IOWA	10,799	0	96	0	1,048	0	294	6,705	93	1,977	707	0	0
44	UNIV OF MD COLLEGE PARK	10,389	984	2,304	10	1,977	129	0	747	151	2,021	2,451	15	0
45	UNIV OF FLORIDA	10,368	1,578	336	0	998	0	397	4,836	197	962	1,424	0	190
46	COLORADO STATE UNIV	10,278	1,087	223	112	827	0	802	2,206	887	471	3,846	0	617
47	UNIV OF ARIZONA	10,148	885	311	6	3,084	0	181	2,251	259	1,470	1,721	0	0
48	OREGON STATE UNIV	9,484	1,292	441	36	1,220	0	938	2,176	241	198	2,749	0	993
49	TEXAS A & M UNIV	9,484	2,931	859	7	1,844	0	30	612	150	749	2,153	204	0
50	VANDERBILT UNIV	9,268	0	104	0	336	0	377	7,835	0	70	746	0	0
51	U OF ALA IN BIRMINGHAM	8,823	0	0	0	760	0	0	8,012	0	0	51	0	0
52	TEMPLE UNIV	8,735	0	99	0	86	0	0	7,920	0	27	402	49	162
53	RUTGERS UNIVERSITY	8,143	914	81	0	247	0	179	4,300	164	110	2,178	0	0
54	UNIV OF KANSAS	7,847	0	321	0	192	0	0	5,289	138	695	1,226	0	0

16 CORNELL UNIV	23,892	2,575	1,728	2	3,810	0	141	9,728	781	807	2,848	0	1,071
17 YALE UNIV	23,092	16	2,766	0	1,387	0	0	14,195	71	930	3,868	0	159
18 NEW YORK UNIV	20,780	19	1,668	41	2,239	0	184	13,944	39	787	1,876	58	153
19 WASHINGTON UNIV	18,224	0	279	0	1,930	0	0	13,693	0	876	1,944	0	293
20 CAL INST OF TECH	17,074	0	2,390	0	1,489	0	163	3,981	269	4,142	9,004	0	0
21 DUKE UNIV	16,714	0	800	15	4,376	0	9	9,989	20	167	1,328	16	0
22 UNIV OF ROCHESTER	16,633	0	4,270	0	1,573	0	37	7,786	0	192	2,775	0	0
23 UNIV OF COLORADO	16,447	75	706	912	1,341	209	27	9,209	122	1,846	2,259	56	0
24 UNIV OF N C AT CHAP HILL	16,160	0	406	179	1,282	0	232	9,564	0	125	1,163	0	3,239
25 UNIV OF CAL SAN FRANCISCO	16,064	0	676	0	320	0	0	14,699	0	106	294	0	0
26 OHIO STATE UNIV	15,946	2,109	797	0	3,145	0	86	9,937	258	921	2,288	79	726
27 UNIV OF SOUTHERN CAL	14,978	87	391	0	2,828	0	369	8,804	11	683	1,332	225	167
28 PURDUE UNIV	14,728	2,019	1,960	0	1,943	0	191	2,440	188	2,949	2,638	98	790
29 YESHIVA UNIV	14,458	0	103	0	378	0	0	13,257	0	0	720	0	0
30 UNIV OF TEXAS AT AUSTIN	14,116	10	1,069	14	5,978	174	87	2,728	109	1,884	2,279	0	168
31 PRINCETON UNIV	13,284	0	2,448	0	1,968	0	44	2,668	0	3,424	2,625	107	0
32 UNIV OF UTAH	12,786	0	1,265	20	2,506	0	216	6,941	179	361	1,298	0	0
33 UNIV OF MIAMI	12,424	0	306	119	2,500	0	57	6,366	0	386	1,992	698	0
34 PENNSYLVANIA STATE UNIV	12,386	2,825	388	21	1,434	0	270	3,501	1,063	663	2,134	87	0
35 CASE WESTERN RESERVE UNIV	12,259	0	1,188	0	1,045	0	59	7,746	163	476	1,930	0	39
36 UNIV OF CAL DAVIS	11,408	919	2,134	0	269	0	126	6,450	11	284	1,219	0	0
37 WOODS HOLE OCEAN INST	11,247	0	632	90	6,878	0	84	83	70	44	3,383	23	0
38 BAYLOR COL OF MEDICINE	11,125	0	9	0	159	0	0	10,610	0	286	61	0	0
39 NORTHWESTERN UNIV	11,052	4	170	0	1,642	0	118	5,489	20	1,396	2,166	27	0
40 UNIV OF HAWAII	11,021	734	692	46	1,978	340	331	2,587	95	1,074	3,194	0	0
41 UNIV OF PITTSBURGH	10,984	0	438	0	1,169	0	90	6,980	179	471	1,661	0	0
42 MICHIGAN STATE UNIV	10,957	1,748	1,742	0	256	306	314	3,394	138	69	2,058	211	741
43 UNIV OF IOWA	10,795	0	56	0	1,048	0	254	6,703	93	1,977	707	0	0
44 UNIV OF MD COLLEGE PARK	10,389	986	2,306	10	1,577	125	0	747	151	2,021	2,451	15	0
45 UNIV OF FLORIDA	10,368	1,578	336	0	998	0	357	4,806	157	562	1,424	0	150
46 COLORADO STATE UNIV	10,278	1,087	223	112	827	0	802	2,206	887	471	3,046	0	617
47 UNIV OF ARIZONA	10,148	885	311	6	3,064	0	181	2,251	259	1,470	1,721	0	0
48 OREGON STATE UNIV	9,486	1,292	441	36	1,220	0	538	2,176	261	150	2,749	0	593
49 TEXAS A & M UNIV	9,486	2,931	859	7	1,846	0	39	612	136	749	2,103	204	0
50 VANDERBILT UNIV	9,268	0	104	0	336	0	377	7,635	0	70	746	0	0
51 U OF ALA IN BIRMINGHAM	8,823	0	0	0	760	0	0	8,012	0	0	51	0	0
52 TEMPLE UNIV	8,735	0	98	0	86	0	0	7,920	0	27	402	48	162
53 RUTGERS UNIVERSITY	8,143	914	81	0	247	0	179	4,300	164	110	2,178	0	0
54 UNIV OF KANSAS	7,847	0	321	0	192	0	0	5,285	138	685	1,226	0	0
55 ROCKEFELLER UNIV	7,539	0	259	0	38	0	0	6,406	0	0	836	0	0
56 UNIV OF ALASKA	7,348	618	172	425	2,340	0	157	800	163	376	2,297	0	0
57 UNIV OF MISSOURI COLUMBIA	7,343	1,847	16	6	915	0	122	3,388	159	192	668	10	0
58 SUNY ST U BUFFALO	7,338	0	187	0	0	0	33	5,538	46	198	1,314	0	0
59 N C STATE UNIV AT RALEIGH	7,269	2,725	376	0	342	0	367	1,717	183	443	287	0	829
60 UNIV OF KENTUCKY	7,243	2,767	61	104	697	0	47	2,051	366	248	375	0	527
61 CUNY MT SINAI SCH OF MED	7,173	0	12	0	176	0	4	6,898	0	10	73	0	0
62 NEW MEXICO STATE UNIV	6,983	807	0	0	4,418	0	28	240	497	774	130	89	0
63 UNIV OF GEORGIA	6,884	2,103	528	306	253	0	104	1,943	145	40	1,222	0	200
64 TULANE UNIV	6,863	0	69	0	139	344	25	5,785	0	126	379	0	0
65 CARNEGIE MELLON UNIV	6,860	0	1,631	0	2,402	0	23	957	221	166	1,424	20	14
66 BROWN UNIV	6,848	0	519	0	1,275	0	0	2,973	132	181	1,768	0	0
67 GEORGE WASHINGTON UNIV	6,795	0	20	30	1,585	553	134	3,498	35	561	235	0	142
68 U TEX HOUSTON MED SCHOOL	6,719	0	0	0	0	0	0	6,719	0	0	0	0	0
69 BOSTON UNIV	6,471	0	24	0	277	0	0	5,548	0	196	336	88	0
70 UNIV OF CAL IRVINE	6,454	0	640	15	3,331	0	0	1,976	0	0	892	0	0
71 INDIANA UNIV-BLOOMINGTON	6,345	0	213	0	259	0	56	3,076	34	141	2,118	209	239
72 UNIV OF VIRGINIA	6,279	0	209	0	986	0	12	3,430	25	570	1,045	2	0
73 GEORGIA INST OF TECH	5,792	0	295	0	3,105	0	65	537	249	530	418	593	0
74 UNIV OF OREGON - EUGENE	5,553	0	341	0	249	303	0	2,677	0	445	1,538	0	0
75 FLORIDA STATE UNIV	5,530	0	1,092	34	838	0	58	997	0	100	1,350	31	1,110

TABLE B-12
CONTINUED

FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
76	UTAH STATE UNIV	5,503	766	58	6	1,020	0	0	333	896	61	1,811	25	527
77	UNIV OF MD BALTIMORE	5,447	0	0	0	722	0	0	4,555	0	170	0	0	0
78	EMORY UNIV	5,378	0	52	0	42	0	0	4,960	0	147	137	0	0
79	U TEX SW MED SCH DALLAS	5,365	0	34	0	45	0	0	5,206	0	80	0	0	0
80	UNIV OF CONNECTICUT	5,220	420	115	0	694	0	39	2,835	132	285	700	0	0
81	UNIV OF TENN AT KNOXVILLE	5,210	1,853	1,357	0	610	0	0	652	156	251	331	0	0
82	SUNY ST U ALBANY	4,854	83	36	0	988	127	42	1,126	0	0	451	0	2,101
83	RICE UNIV	4,682	0	744	0	734	0	0	674	0	1,276	1,123	0	131
84	IOWA ST U OF SCIENCE&TECH	4,676	1,999	22	0	583	0	40	1,260	287	45	440	0	0
85	TUFTS UNIV	4,608	0	355	0	247	0	13	3,569	0	50	324	0	50
86	ST LOUIS UNIV	4,504	0	0	0	92	0	0	4,128	0	0	284	0	0
87	LA ST UNIV BATON ROUGE	4,325	1,494	185	0	793	0	260	327	95	321	850	0	0
88	UNIV OF MASS AMHERST	4,307	912	258	0	508	0	282	603	222	202	1,320	0	0
89	ILLINOIS INST OF TECH	4,264	0	146	0	712	0	0	2,811	0	112	483	0	0
90	UNIV OF NEW MEXICO	4,189	0	0	20	1,472	0	16	1,400	0	742	444	75	0
91	SUNY ST U STONY BROOK	4,188	0	818	0	222	0	0	733	0	568	1,847	0	0
92	UNIV OF CINCINNATI	4,169	0	155	0	780	0	72	2,936	0	80	226	0	0
93	OKLAHOMA STATE UNIV	4,100	1,461	17	0	1,296	0	32	409	191	70	424	0	0
94	WAYNE STATE UNIV	4,083	0	89	0	493	177	15	2,586	0	45	493	204	111
95	UNIV OF DAYTON	4,037	0	0	0	3,974	0	0	2	0	45	16	0	0
96	GEORGETOWN UNIV	4,018	0	39	0	408	0	35	3,082	0	36	399	19	0
97	DARTMOUTH COL	4,016	0	31	0	426	0	22	2,637	33	147	722	0	0
98	UNIV OF OKLAHOMA	3,896	0	60	215	466	0	24	1,729	0	76	1,056	270	0
99	VIRGINIA POLYTECHNIC INST	3,871	1,690	92	0	322	0	0	625	388	403	391	0	0
100	U OF TENN MED UNITS MEMPH	3,865	0	56	0	288	0	0	3,501	0	0	20	0	0

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-13

FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	CDN	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	421,029	0	2,606	25	0	0	10,133	361,440	38	1,044	42,293	2,847	603
	TOTAL, 100 INSTITUTIONS	340,104	0	1,970	0	0	0	6,381	299,804	38	941	29,288	1,521	561
1	HARVARD UNIV	11,320	0	0	0	0	0	266	9,459	0	0	1,564	0	31
2	UNIV OF WASHINGTON	9,795	0	264	0	0	0	334	8,484	0	0	565	148	0
3	UNIV OF MICHIGAN	9,057	0	124	0	0	0	196	7,684	8	0	954	26	65
4	UNIV OF MINNESOTA	8,909	0	15	0	0	0	192	8,060	0	0	490	148	4
5	UNIV OF WISCONSIN MADISON	8,786	0	42	0	0	0	381	7,544	0	0	819	0	0
6	JOHNS HOPKINS UNIV	8,762	0	0	0	0	0	107	8,346	0	0	289	0	20
7	UNIV OF PENNSYLVANIA	8,561	0	0	0	0	0	0	7,964	0	0	449	148	0
8	NEW YORK UNIV	8,217	0	20	0	0	0	401	7,377	0	0	395	0	24
9	COLUMBIA UNIV	8,111	0	28	0	0	0	5	7,528	0	0	522	0	28
10	STANFORD UNIV	8,084	0	101	0	0	0	200	5,914	0	230	1,627	0	12
11	YALE UNIV	7,919	0	0	0	0	0	14	6,955	0	0	915	0	35
12	UNIV OF CAL LOS ANGELES	7,728	0	50	0	0	0	0	7,104	0	0	424	150	0
13	UNIV OF CHICAGO	7,345	0	25	0	0	0	0	6,728	0	0	560	0	32
14	UNIV OF CAL BERKELEY	6,995	0	87	0	0	0	75	5,256	30	0	1,465	0	82
15	CASE WESTERN RESERVE UNIV	6,310	0	0	0	0	0	84	5,751	0	105	390	0	0
16	DUKE UNIV	6,210	0	0	0	0	0	0	6,013	0	0	197	0	0
17	WASHINGTON UNIV	6,151	0	0	0	0	0	0	5,902	0	0	240	0	9
18	UNIV OF N C AT CHAP HILL	6,149	0	0	0	0	0	173	5,640	0	0	336	0	0
19	UNIV OF CAL SAN FRANCISCO	6,054	0	0	0	0	0	0	6,018	0	0	36	0	0
20	UNIV OF PITTSBURGH	5,580	0	5	0	0	0	183	5,033	0	0	211	148	0
21	CORNELL UNIV	5,515	0	27	0	0	0	84	4,569	0	0	835	0	0
22	YESHIVA UNIV	5,433	0	0	0	0	0	0	5,382	0	0	51	0	0
23	UNIV OF COLORADO	4,937	0	10	0	0	0	70	4,444	0	0	410	0	3
24	UNIV OF FLORIDA	4,736	0	45	0	0	0	276	4,148	0	0	267	0	0
25	UNIV OF SOUTHERN CAL	4,671	0	0	0	0	0	127	4,350	0	0	188	0	13
26	BOSTON UNIV	4,569	0	0	0	0	0	0	4,460	0	0	109	0	0
27	UNIV OF ROCHESTER	4,517	0	96	0	0	0	0	4,202	0	0	209	0	10
28	MASS INST OF TECH	4,507	0	183	0	0	0	86	2,288	0	0	1,785	148	17
29	NORTHWESTERN UNIV	4,415	0	14	0	0	0	203	3,648	0	0	402	148	0
30	OHIO STATE UNIV	4,242	0	61	0	0	0	73	3,540	0	0	526	0	42
31	UNIV OF IOWA	3,944	0	2	0	0	0	91	3,462	0	0	243	146	0
32	UNIV OF ILLINOIS-URBANA	3,937	0	89	0	0	0	217	2,878	0	0	753	0	0
33	UNIV OF UTAH	3,787	0	5	0	0	0	59	3,527	0	0	196	0	0
34	MICHIGAN STATE UNIV	3,746	0	8	0	0	0	39	3,148	0	0	551	0	0
35	UNIV OF KANSAS	3,411	0	49	0	0	0	69	3,103	0	0	190	0	0
36	UNIV OF TEXAS AT AUSTIN	3,323	0	49	0	0	0	95	2,735	0	0	444	0	0
37	UNIV OF CINCINNATI	3,111	0	1	0	0	0	317	2,694	0	0	99	0	0
38	TULANE UNIV	3,026	0	0	0	0	0	0	2,896	0	0	130	0	0
39	VANDERBILT UNIV	3,018	0	26	0	0	0	13	2,814	0	0	165	0	0
40	UNIV OF VIRGINIA	2,936	0	72	0	0	0	0	2,733	0	0	131	0	0
41	UNIV OF MISSOURI COLUMBIA	2,914	0	19	0	0	0	18	2,642	0	0	235	0	0
42	SUNY ST U BUFFALO	2,875	0	0	0	0	0	0	2,689	0	0	167	0	19
43	UNIV OF CAL SAN DIEGO	2,808	0	0	0	0	0	0	2,481	0	0	327	0	0
44	EMORY UNIV	2,676	0	0	0	0	0	0	2,556	0	0	120	0	0
45	PURDUE UNIV	2,593	0	85	0	0	0	155	1,782	0	0	571	0	0
46	UNIV OF OKLAHOMA	2,568	0	8	0	0	0	190	2,130	0	0	240	0	0
47	CUNY MT SINAI SCH OF MED	2,437	0	0	0	0	0	0	2,432	0	0	5	0	0
48	PENNSYLVANIA STATE UNIV	2,428	0	40	0	0	0	298	1,638	0	0	452	0	0
49	UNIV OF MIAMI	2,392	0	0	0	0	0	0	2,216	0	0	176	0	0
50	RUTGERS UNIVERSITY	2,356	0	13	0	0	0	189	1,886	0	0	254	0	14
51	WAYNE STATE UNIV	2,318	0	0	0	0	0	15	2,164	0	0	139	0	0
	UNIV OF OREGON - EUGENE	2,307	0	0	0	0	0	0	1,978	0	0	329	0	0

16	DUKE UNIV	6,210	0	0	0	0	0	0	5,913	0	0	297	0	0
17	WASHINGTON UNIV	6,151	0	0	0	0	0	0	5,902	0	0	240	0	9
18	UNIV OF N C AT CHAP HILL	6,149	0	0	0	0	0	173	5,640	0	0	336	0	0
19	UNIV OF CAL SAN FRANCISCO	6,054	0	0	0	0	0	0	6,018	0	0	36	0	0
20	UNIV OF PITTSBURGH	5,580	0	5	0	0	0	183	5,033	0	0	211	148	0
21	CORNELL UNIV	5,515	0	27	0	0	0	84	4,569	0	0	835	0	0
22	YESHIVA UNIV	5,433	0	0	0	0	0	0	5,382	0	0	51	0	0
23	UNIV OF COLORADO	4,937	0	10	0	0	0	70	4,444	0	0	410	0	3
24	UNIV OF FLORIDA	4,736	0	45	0	0	0	276	4,148	0	0	267	0	0
25	UNIV OF SOUTHERN CAL	4,671	0	0	0	0	0	129	4,350	0	0	188	0	13
26	BOSTON UNIV	4,569	0	0	0	0	0	0	4,460	0	0	109	0	0
27	UNIV OF ROCHESTER	4,517	0	96	0	0	0	0	4,202	0	0	209	0	10
28	MASS INST OF TECH	4,507	0	183	0	0	0	86	2,288	0	0	1,785	148	17
29	NORTHWESTERN UNIV	4,415	0	14	0	0	0	203	3,648	0	0	402	148	0
30	OHIO STATE UNIV	4,242	0	61	0	0	0	73	3,540	0	0	526	0	42
31	UNIV OF IOWA	3,944	0	2	0	0	0	91	3,462	0	0	243	146	0
32	UNIV OF ILLINOIS-URBANA	3,937	0	89	0	0	0	217	2,878	0	0	753	0	0
33	UNIV OF UTAH	3,787	0	5	0	0	0	59	3,527	0	0	196	0	0
34	MICHIGAN STATE UNIV	3,746	0	8	0	0	0	39	3,148	0	0	551	0	0
35	UNIV OF KANSAS	3,411	0	49	0	0	0	69	3,103	0	0	190	0	0
36	UNIV OF TEXAS AT AUSTIN	3,323	0	49	0	0	0	95	2,735	0	0	444	0	0
37	UNIV OF CINCINNATI	3,111	0	1	0	0	0	317	2,694	0	0	99	0	0
38	TULANE UNIV	3,026	0	0	0	0	0	0	2,896	0	0	130	0	0
39	VANDERBILT UNIV	3,018	0	26	0	0	0	13	2,814	0	0	165	0	0
40	UNIV OF VIRGINIA	2,936	0	72	0	0	0	0	2,733	0	0	131	0	0
41	UNIV OF MISSOURI COLUMBIA	2,914	0	19	0	0	0	18	2,642	0	0	235	0	0
42	SUNY ST U BUFFALO	2,875	0	0	0	0	0	0	2,689	0	0	167	0	19
43	UNIV OF CAL SAN DIEGO	2,808	0	0	0	0	0	0	2,481	0	0	327	0	0
44	EMORY UNIV	2,676	0	0	0	0	0	0	2,556	0	0	120	0	0
45	PURDUE UNIV	2,593	0	85	0	0	0	155	1,782	0	0	571	0	0
46	UNIV OF OKLAHOMA	2,568	0	8	0	0	0	190	2,130	0	0	240	0	0
47	CUNY MT SINAI SCH OF MED	2,437	0	0	0	0	0	0	2,432	0	0	5	0	0
48	PENNSYLVANIA STATE UNIV	2,428	0	40	0	0	0	298	1,638	0	0	452	0	0
49	UNIV OF MIAMI	2,392	0	0	0	0	0	0	2,216	0	0	176	0	0
50	RUTGERS UNIVERSITY	2,356	0	13	0	0	0	189	1,886	0	0	254	0	14
51	WAYNE STATE UNIV	2,318	0	0	0	0	0	15	2,164	0	0	139	0	0
52	UNIV OF OREGON - EUGENE	2,207	0	0	0	0	0	0	1,978	0	0	229	0	0
53	BAYLOR COL OF MEDICINE	2,161	0	0	0	0	0	0	2,149	0	0	12	0	0
54	UNIV OF CONNECTICUT	2,156	0	0	0	0	0	44	1,948	0	0	164	0	0
55	UNIV OF ARIZONA	2,152	0	27	0	0	0	54	1,775	0	0	296	0	0
56	FLORIDA STATE UNIV	2,144	0	3	0	0	0	0	1,759	0	0	218	152	12
57	U TEX SW MED SCH DALLAS	2,134	0	0	0	0	0	0	2,134	0	0	0	0	0
58	TEMPLE UNIV	2,117	0	0	0	0	0	20	2,034	0	0	63	0	0
59	INDIANA UNIV-BLOOMINGTON	2,094	0	11	0	0	0	0	1,670	0	0	402	0	11
60	SYRACUSE UNIV	2,048	0	0	0	0	0	5	1,600	0	0	275	159	9
61	TEACHERS COL	1,963	0	0	0	0	0	0	1,949	0	0	14	0	0
62	WEST VIRGINIA UNIV	1,918	0	0	0	0	0	300	1,480	0	0	138	0	0
63	UNIV OF TENN AT KNOXVILLE	1,818	0	117	0	0	0	18	1,429	0	0	244	0	10
64	UNIV OF KENTUCKY	1,808	0	18	0	0	0	173	1,496	0	0	121	0	0
65	UNIV OF MD BALTIMORE	1,807	0	0	0	0	0	0	1,807	0	0	0	0	0
66	UNIV OF CAL DAVIS	1,754	0	32	0	0	0	78	1,409	0	0	235	0	0
67	VA COMMONWEALTH UNIV	1,712	0	0	0	0	0	0	1,696	0	0	16	0	0
68	UNIV OF ILLINOIS-MED CTR	1,693	0	0	0	0	0	0	1,680	0	0	13	0	0
69	INDIANA UNIV-INDIANAPOLIS	1,686	0	0	0	0	0	0	1,686	0	0	0	0	0
70	CAL INST OF TECH	1,633	0	7	0	0	0	52	906	0	0	668	0	0
71	BRANDEIS UNIV	1,612	0	0	0	0	0	0	1,486	0	0	118	0	8
72	U OREGON MEDICAL SCHOOL	1,601	0	0	0	0	0	0	1,601	0	0	0	0	0
73	U OF ALA IN BIRMINGHAM	1,525	0	0	0	0	0	0	1,511	0	0	14	0	0
74	PRINCETON UNIV	1,470	0	0	0	0	0	4	740	0	0	719	0	7
75	GEORGETOWN UNIV	1,393	0	0	0	0	0	0	1,327	0	0	66	0	0

TABLE B-13
CONTINUED

FEDERAL OBLIGATIONS FOR FELLOWSHIPS, TRAINEESHIPS, AND TRAINING GRANTS TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
76	HOWARD UNIV	1,361	0	0	0	0	0	33	1,276	0	0	40	0	12
77	UNIV OF GEORGIA	1,335	0	9	0	0	0	7	1,080	0	0	239	0	0
78	UNIV OF ARK	1,303	0	0	0	0	0	55	1,140	0	0	108	0	0
79	UNIV OF HAWAII	1,295	0	0	0	0	0	73	980	0	0	242	0	0
80	SUNY DOWNSTATE MED CTR	1,287	0	0	0	0	0	0	1,281	0	0	6	0	0
81	ST LOUIS UNIV	1,268	0	0	0	0	0	0	1,189	0	0	69	0	10
82	GEORGE WASHINGTON UNIV	1,267	0	0	0	0	0	0	1,190	0	0	74	0	3
83	U OF TENN MED UNITS MEMPH	1,254	0	20	0	0	0	0	1,210	0	0	24	0	0
84	BOSTON COL	1,252	0	0	0	0	0	0	1,195	0	0	49	0	8
85	THOS JEFFERSON UNIV HOSP	1,239	0	0	0	0	0	0	1,216	0	0	23	0	0
86	UNIV OF P R SAN JUAN	1,236	0	0	0	0	0	0	1,236	0	0	0	0	0
87	TUFTS UNIV	1,188	0	0	0	0	0	63	1,039	0	0	86	0	0
88	UNIV OF MD COLLEGE PARK	1,182	0	2	0	0	0	85	742	0	99	254	0	0
89	UNIV OF NEW MEXICO	1,175	0	60	0	0	0	0	996	0	0	119	0	0
90	UNIV OF VERMONT	1,163	0	0	0	0	0	0	1,094	0	0	69	0	0
91	U OF ALA IN TUSCALOOSA	1,142	0	0	0	0	0	49	895	0	107	91	0	0
92	DARTMOUTH COL	1,136	0	0	0	0	0	0	1,009	0	0	127	0	0
93	UNIV OF CAL IRVINE	1,117	0	0	0	0	0	0	1,014	0	0	103	0	0
94	UNIV OF LOUISVILLE	1,080	0	0	0	0	0	0	1,022	0	0	58	0	0
95	HAHNEMANN MED COL & HOSP	1,069	0	0	0	0	0	0	1,011	0	0	58	0	0
96	UNIV OF MISSISSIPPI	1,035	0	0	0	0	0	0	919	0	0	116	0	0
97	BROWN UNIV	1,008	0	0	0	0	0	0	749	0	0	248	0	11
98	UNIV OF DENVER	988	0	0	0	0	0	0	902	0	0	86	0	0
99	CATHOLIC UNIV OF AMERICA	966	0	0	0	0	0	0	864	0	0	102	0	0
100	WAKE FOREST UNIV	963	0	1	0	0	0	0	908	0	0	54	0	0

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-14

FEDERAL OBLIGATIONS FOR GENERAL SUPPORT FOR SCIENCE TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL, ALL INSTITUTIONS	99,569	0	0	221	0	0	0	40,209	1,138	0	56,892	0	1,209
	TOTAL, 100 INSTITUTIONS	75,981	0	0	221	0	0	0	34,027	533	0	40,496	0	702
1	UNIV OF PENNSYLVANIA	2,387	0	0	0	0	0	0	758	0	0	1,629	0	0
2	UNIV OF IOWA	2,383	0	0	0	0	0	0	498	0	0	1,885	0	0
3	UNIV OF WASHINGTON	2,334	0	0	0	0	0	0	657	0	0	1,677	0	0
4	UNIV OF WISCONSIN MADISON	2,311	0	0	0	0	0	0	550	33	0	1,728	0	0
5	UNIV OF N C AT CHAP HILL	2,297	0	0	0	0	0	0	625	0	0	1,672	0	0
6	YALE UNIV	2,198	0	0	0	0	0	0	579	0	0	1,619	0	0
7	CARNEGIE MELLON UNIV	2,112	0	0	0	0	0	0	40	0	0	2,072	0	0
8	UNIV OF TEXAS AT AUSTIN	1,918	0	0	0	0	0	0	91	0	0	1,827	0	0
9	UNIV OF COLORADO	1,870	0	0	53	0	0	0	870	0	0	947	0	0
10	TULANE UNIV	1,438	0	0	0	0	0	0	360	0	0	1,078	0	0
11	CAL INST OF TECH	1,420	0	0	0	0	0	0	116	0	0	1,304	0	0
12	RUTGERS UNIVERSITY	1,419	0	0	0	0	0	0	281	32	0	1,106	0	0
13	SUNY ST U ALBANY	1,418	0	0	0	0	0	0	54	0	0	1,364	0	0
14	UNIV OF ROCHESTER	1,375	0	0	0	0	0	0	390	0	0	985	0	0
15	N C STATE UNIV AT RALEIGH	1,261	0	0	0	0	0	0	70	18	0	1,135	0	38
16	UNIV OF MD COLLEGE PARK	1,237	0	0	0	0	0	0	45	19	0	1,173	0	0
17	UNIV OF UTAH	1,234	0	0	0	0	0	0	336	0	0	813	0	85
18	UNIV OF CAL SAN DIEGO	1,187	0	0	0	0	0	0	405	0	0	782	0	0
19	DUKE UNIV	1,155	0	0	0	0	0	0	1,041	0	0	114	0	0
20	UNIV OF KANSAS	1,152	0	0	0	0	0	0	1,032	0	0	120	0	0
21	UNIV OF MINNESOTA	1,031	0	0	0	0	0	0	703	29	0	299	0	0
22	UNIV OF NOTRE DAME	1,028	0	0	0	0	0	0	60	0	0	968	0	0
23	UNIV OF CAL LOS ANGELES	998	0	0	0	0	0	0	710	5	0	198	0	85
24	UNIV OF MICHIGAN	987	0	0	0	0	0	0	817	0	0	170	0	0
25	HARVARD UNIV	968	0	0	0	0	0	0	854	0	0	114	0	0
26	EMORY UNIV	944	0	0	0	0	0	0	345	0	0	599	0	0
27	STANFORD UNIV	916	0	0	0	0	0	0	467	0	0	449	0	0
28	UNIV OF CAL DAVIS	890	0	0	0	0	0	0	803	0	0	87	0	0
29	JOHNS HOPKINS UNIV	852	0	0	0	0	0	0	700	0	0	152	0	0
30	COLUMBIA UNIV	851	0	0	0	0	0	0	659	0	0	192	0	0
31	WASHINGTON UNIV	836	0	0	0	0	0	0	752	0	0	84	0	0
32	VANDERBILT UNIV	834	0	0	0	0	0	0	783	0	0	51	0	0
33	CORNELL UNIV	820	0	0	0	0	0	0	514	37	0	190	0	79
34	PURDUE UNIV	817	0	0	0	0	0	0	584	21	0	212	0	0
35	SOUTHERN METHODIST UNIV	757	0	0	0	0	0	0	0	0	0	672	0	85
36	WASHINGTON STATE UNIV	748	0	0	0	0	0	0	111	28	0	609	0	0
37	UNIV OF OREGON - EUGENE	711	0	0	0	0	0	0	418	0	0	208	0	85
38	UNIV OF MASS AMHERST	692	0	0	0	0	0	0	0	25	0	667	0	0
39	UNIV OF PITTSBURGH	671	0	0	0	0	0	0	549	0	0	122	0	0
40	TEXAS A & M UNIV	668	0	0	0	0	0	0	85	32	0	551	0	0
41	UNIV OF CAL BERKELEY	667	0	0	0	0	0	0	326	0	0	341	0	0
42	UNIV OF MISSOURI COLUMBIA	649	0	0	0	0	0	0	305	21	0	239	0	84
43	NEW YORK UNIV	639	0	0	0	0	0	0	533	0	0	106	0	0
44	UNIV OF VIRGINIA	620	0	0	0	0	0	0	300	0	0	320	0	0
45	MICHIGAN STATE UNIV	617	0	0	0	0	0	0	277	28	0	312	0	0
46	CASE WESTERN RESERVE UNIV	595	0	0	0	0	0	0	494	0	0	101	0	0
47	UNIV OF CAL SANTA BARBARA	594	0	0	0	0	0	0	60	0	0	534	0	0
48	U OF ALA IN BIRMINGHAM	592	0	0	0	0	0	0	515	0	0	77	0	0
49	OHIO STATE UNIV	574	0	0	0	0	0	0	442	29	0	103	0	0
50	UNIV OF CHICAGO	551	0	0	0	0	0	0	443	0	0	108	0	0
51	UNIV OF SOUTHERN CAL	544	0	0	0	0	0	0	427	0	0	117	0	0
52	UNIV OF MONTANA	541	0	0	0	0	0	0	0	0	0	541	0	0
53	SUNY ST U BUFFALO	533	0	0	0	0	0	0	485	0	0	48	0	0
54	YESHIVA UNIV	514	0	0	0	0	0	0	423	0	0	91	0	0
55	UNIV OF DELAWARE	511	0	0	0	0	0	0	0	14	0	497	0	0
56	NORTHWESTERN UNIV	503	0	0	0	0	0	0	358	0	0	145	0	0
57	TEXAS TECH UNIVERSITY	502	0	0	0	0	0	0	0	0	0	502	0	0

18 UNIV OF CAL SAN DIEGO	1,187	0	0	0	0	0	0	405	0	0	782	0	0
19 DUKE UNIV	1,155	0	0	0	0	0	0	1,041	0	0	114	0	0
20 UNIV OF KANSAS	1,152	0	0	0	0	0	0	1,032	0	0	120	0	0
21 UNIV OF MINNESOTA	1,031	0	0	0	0	0	0	703	29	0	299	0	0
22 UNIV OF NOTRE DAME	1,028	0	0	0	0	0	0	60	0	0	968	0	0
23 UNIV OF CAL LOS ANGELES	998	0	0	0	0	0	0	710	5	0	198	0	85
24 UNIV OF MICHIGAN	987	0	0	0	0	0	0	817	0	0	170	0	0
25 HARVARD UNIV	968	0	0	0	0	0	0	854	0	0	114	0	0
26 EMORY UNIV	944	0	0	0	0	0	0	345	0	0	599	0	0
27 STANFORD UNIV	916	0	0	0	0	0	0	467	0	0	449	0	0
28 UNIV OF CAL DAVIS	890	0	0	0	0	0	0	803	0	0	87	0	0
29 JOHNS HOPKINS UNIV	852	0	0	0	0	0	0	700	0	0	152	0	0
30 COLUMBIA UNIV	851	0	0	0	0	0	0	659	0	0	192	0	0
31 WASHINGTON UNIV	836	0	0	0	0	0	0	752	0	0	84	0	0
32 VANDERBILT UNIV	834	0	0	0	0	0	0	783	0	0	51	0	0
33 CORNELL UNIV	820	0	0	0	0	0	0	514	37	0	190	0	79
34 PURDUE UNIV	817	0	0	0	0	0	0	584	21	0	212	0	0
35 SOUTHERN METHODIST UNIV	757	0	0	0	0	0	0	0	0	0	672	0	85
36 WASHINGTON STATE UNIV	748	0	0	0	0	0	0	111	28	0	609	0	0
37 UNIV OF OREGON - EUGENE	711	0	0	0	0	0	0	418	0	0	208	0	85
38 UNIV OF MASS AMHERST	692	0	0	0	0	0	0	0	25	0	667	0	0
39 UNIV OF PITTSBURGH	671	0	0	0	0	0	0	549	0	0	122	0	0
40 TEXAS A & M UNIV	668	0	0	0	0	0	0	85	32	0	551	0	0
41 UNIV OF CAL BERKELEY	667	0	0	0	0	0	0	326	0	0	341	0	0
42 UNIV OF MISSOURI COLUMBIA	649	0	0	0	0	0	0	305	21	0	239	0	84
43 NEW YORK UNIV	639	0	0	0	0	0	0	533	0	0	106	0	0
44 UNIV OF VIRGINIA	620	0	0	0	0	0	0	300	0	0	320	0	0
45 MICHIGAN STATE UNIV	617	0	0	0	0	0	0	277	28	0	312	0	0
46 CASE WESTERN RESERVE UNIV	595	0	0	0	0	0	0	494	0	0	101	0	0
47 UNIV OF CAL SANTA BARBARA	594	0	0	0	0	0	0	60	0	0	534	0	0
48 U OF ALA IN BIRMINGHAM	592	0	0	0	0	0	0	515	0	0	77	0	0
49 OHIO STATE UNIV	574	0	0	0	0	0	0	442	29	0	103	0	0
50 UNIV OF CHICAGO	551	0	0	0	0	0	0	443	0	0	108	0	0
51 UNIV OF SOUTHERN CAL	544	0	0	0	0	0	0	427	0	0	117	0	0
52 UNIV OF MONTANA	541	0	0	0	0	0	0	0	0	0	541	0	0
53 SUNY ST U BUFFALO	533	0	0	0	0	0	0	485	0	0	48	0	0
54 YESHIVA UNIV	514	0	0	0	0	0	0	423	0	0	91	0	0
55 UNIV OF DELAWARE	511	0	0	0	0	0	0	0	14	0	497	0	0
56 NORTHWESTERN UNIV	503	0	0	0	0	0	0	358	0	0	145	0	0
57 TEXAS TECH UNIVERSITY	502	0	0	0	0	0	0	0	0	0	502	0	0
58 CLAREMONT GRADUATE SCHOOL	499	0	0	0	0	0	0	0	0	0	499	0	0
59 UNIV OF CAL SAN FRANCISCO	494	0	0	0	0	0	0	494	0	0	0	0	0
60 UNIV OF FLORIDA	494	0	0	0	0	0	0	345	22	0	127	0	0
61 PENNSYLVANIA STATE UNIV	487	0	0	0	0	0	0	241	20	0	226	0	0
62 TEMPLE UNIV	482	0	0	0	0	0	0	318	0	0	126	0	38
63 RICE UNIV	475	0	0	0	0	0	0	384	0	0	91	0	0
64 UNIV OF MIAMI	441	0	0	0	0	0	0	346	0	0	87	0	0
65 UNIV OF MISSISSIPPI	426	0	0	0	0	0	0	252	0	0	174	0	0
66 BOSTON UNIV	401	0	0	0	0	0	0	352	0	0	49	0	0
67 UNIV OF OKLAHOMA	397	0	0	96	0	0	0	192	0	0	109	0	0
68 UNIV OF HAWAII	395	0	0	0	0	0	0	229	28	0	138	0	0
69 OKLAHOMA STATE UNIV	389	0	0	0	0	0	0	94	5	0	252	0	38
70 SYRACUSE UNIV	384	0	0	0	0	0	0	56	0	0	328	0	0
71 BAYLOR COL OF MEDICINE	383	0	0	0	0	0	0	383	0	0	0	0	0
72 CUNY MT SINAI SCH OF MED	382	0	0	0	0	0	0	382	0	0	0	0	0
73 WAYNE STATE UNIV	379	0	0	0	0	0	0	254	0	0	125	0	0
74 UNIV OF ILLINOIS-URBANA	376	0	0	0	0	0	0	165	31	0	180	0	0
75 MASS INST OF TECH	376	0	0	0	0	0	0	176	0	0	200	0	0

TABLE B-14
CONTINUED

FEDERAL OBLIGATIONS FOR GENERAL SUPPORT FOR SCIENCE TO THE 100 UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY AMOUNT RECEIVED)	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
76	WEST VIRGINIA UNIV	375	0	0	0	0	0	0	138	21	0	131	0	85
77	UNIV OF ILLINOIS-MED CTR	375	0	0	0	0	0	0	375	0	0	0	0	0
78	UNIV OF KENTUCKY	356	0	0	0	0	0	0	275	2	0	79	0	0
79	GEORGETOWN UNIV	344	0	0	0	0	0	0	293	0	0	51	0	0
80	UNIV OF CONNECTICUT	343	0	0	0	0	0	0	278	14	0	51	0	0
81	U TEX SW MED SCH DALLAS	340	0	0	0	0	0	0	340	0	0	0	0	0
82	INDIANA UNIV-INDIANAPOLIS	319	0	0	0	0	0	0	305	0	0	14	0	0
83	BROWN UNIV	315	0	0	0	0	0	0	232	0	0	83	0	0
84	UNIV OF ARK	306	0	0	0	0	0	0	175	19	0	112	0	0
85	UNIV OF CINCINNATI	305	0	0	0	0	0	0	255	0	0	50	0	0
86	TUFTS UNIV	290	0	0	0	0	0	0	242	0	0	48	0	0
87	U TEX HOUSTON MED SCHOOL	286	0	0	0	0	0	0	286	0	0	0	0	0
88	VA COMMONWEALTH UNIV	285	0	0	0	0	0	0	266	0	0	19	0	0
89	SUNY DOWNSTATE MED CTR	281	0	0	0	0	0	0	281	0	0	0	0	0
90	DARTMOUTH COL	280	0	0	0	0	0	0	224	0	0	56	0	0
91	EASTERN MICHIGAN UNIV	277	0	0	0	0	0	0	0	0	0	277	0	0
92	NEW YORK MEDICAL COL	277	0	0	0	0	0	0	261	0	0	16	0	0
93	LUTHER COL	271	0	0	0	0	0	0	0	0	0	271	0	0
94	UNIV OF MD BALTIMORE	268	0	0	0	0	0	0	268	0	0	0	0	0
95	GEORGE WASHINGTON UNIV	262	0	0	0	0	0	0	186	0	0	76	0	0
96	ST LOUIS UNIV	261	0	0	0	0	0	0	241	0	0	20	0	0
97	U OREGON MEDICAL SCHOOL	260	0	0	0	0	0	0	260	0	0	0	0	0
98	PRINCETON UNIV	259	0	0	64	0	0	0	83	0	0	112	0	0
99	CENTRAL STATE COL	258	0	0	0	0	0	0	0	0	0	258	0	0
100	FRANKLIN AND MARSHALL COL	257	0	0	0	0	0	0	0	0	0	257	0	0

* INCLUDES AID, HUD, AND LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

Table B-15. Federal R&D obligations to universities and colleges, by detailed field of science and agency, FY 1971[a]

[Dollars in thousands]

Field of science	Total	USDA	AEC	Commerce	DOD	OEO	EPA	HEW	Interior	NASA	NSF	DOT	Other[b]
Total, all fields	1,544,130	74,793	95,862	6,887	241,773	16,378	17,027	695,717	21,277	128,531	216,883	7,977	21,025
Physical sciences, total	263,026	5,547	57,364	515	64,404	.....	3,732	19,878	1,870	54,603	55,113	.....	.....
Astronomy	29,891	.....	.....	.....	1,182	.....	25	.....	.....	22,795	5,889	.....	.....
Chemistry	75,215	5,457	8,711	.....	12,833	.....	3,657	19,255	436	5,777	19,089	.....	.....
Physics	155,219	.....	48,548	515	50,389	.....	50	439	1,399	23,744	30,135	.....	.....
Physical sciences, n.e.c.	2,701	90	105	.....	.....	.....	.....	184	35	2,287	.....	.....	.....
Mathematics	41,422	558	2,931	.....	11,663	.....	126	8,785	20	777	16,562	.....	.....
Environmental sciences, total	134,283	475	4,199	4,254	40,221	.....	4,370	520	8,641	26,341	43,999	66	1,197
Atmospheric sciences	41,414	14	614	1,018	8,372	.....	3,345	.....	3,550	11,679	12,822	.....	.....
Geological sciences	37,892	461	791	302	14,002	.....	90	.....	5,050	7,386	8,613	.....	1,197
Oceanography	43,551	.....	2,752	2,872	17,847	.....	561	.....	25	105	19,389	.....	.....
Environmental sciences, n.e.c.	11,426	.....	42	62	.....	.....	374	520	16	7,171	3,175	66	.....
Engineering, total	160,216	3,166	5,004	411	73,577	.....	1,988	10,181	5,867	31,103	24,310	3,499	1,110
Aeronautical	9,874	.....	123	8	3,596	.....	.....	.....	.....	5,376	771	.....	.....
Astronautical	16,539	.....	.....	.....	123	.....	35	.....	.....	16,381	.....	.....	.....
Chemical	5,883	40	61	.....	1,169	.....	.....	.....	205	200	4,208	.....	.....
Civil	14,881	.....	.....	.....	4,573	.....	587	.....	2,812	172	5,627	.....	1,110
Electrical	52,193	.....	22	.....	42,745	.....	113	54	88	4,422	4,749	.....	.....
Mechanical	7,496	.....	140	.....	2,121	.....	13	.....	4	1,595	3,623	.....	.....
Metallurgy & materials	23,218	.....	2,198	.....	13,267	.....	313	28	2,226	1,380	3,806	.....	.....
Engineering, n.e.c.	30,132	3,126	2,460	403	5,983	.....	927	10,099	532	1,577	1,526	3,499	.....
Life sciences, total	741,481	52,476	26,364	683	25,264	335	3,839	566,633	2,243	11,576	46,491	.....	5,577
Biological	423,671	52,277	22,664	680	18,160	.....	718	268,876	2,167	6,955	46,491	.....	4,683
Clinical medical	250,248	199	3,452	.....	3,642	335	633	239,969	.....	1,284	.....	.....	734
Other medical	62,758	.....	86	.....	1,825	.....	2,466	57,781	76	516	.....	.....	8
Life sciences, n.e.c.	4,804	.....	162	3	1,637	.....	22	7	.....	2,821	.....	.....	152
Psychology, total	57,080	10	.....	.....	11,254	1,700	750	33,433	54	1,496	7,383	.....	1,000
Biological aspects	22,920	.....	.....	.....	3,088	.....	637	12,558	.....	1,094	5,543	.....	.....
Social aspects	20,876	10	.....	.....	7,078	1,700	13	9,348	54	30	1,643	.....	1,000
Psychological sciences, n.e.c.	13,284	.....	.....	.....	1,088	.....	100	11,527	.....	372	197	.....	.....
Social sciences, total	106,162	10,218	.....	538	8,544	14,343	179	39,972	1,297	387	18,543	.....	12,141
Anthropology	3,730	.....	.....	.....	.....	.....	.....	1,140	11	.....	2,579	.....	.....
Economics	22,968	9,889	.....	529	1,104	1,201	179	1,133	512	.....	4,511	.....	3,910
History	722	4	.....	.....	.....	.....	.....	87	.....	17	614	.....	.....
Linguistics	4,221	.....	.....	.....	1,730	.....	.....	1,254	.....	3	1,234	.....	.....
Political science	2,535	.....	.....	.....	.....	.....	.....	162	.....	319	1,167	.....	887
Sociology	21,589	325	.....	.....	965	7,458	.....	8,786	47	.....	2,636	.....	1,372
Social sciences, n.e.c.	50,397	.....	.....	9	4,745	5,684	.....	27,410	727	48	5,802	.....	5,972
Other sciences, n.e.c.	40,460	2,343	.....	486	6,846	.....	2,043	16,315	1,285	2,248	4,482	4,412	.....

[a]Table includes imputations for some $62 million in HEW R&D obligations, representing grants and contracts for which HEW was unable to provide field of science breaks.

[b]Includes AID, HUD, and Labor.

SOURCE: National Science Foundation (CASE).

Table B-16. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by detailed field of science and agency, FY 1971[a]

[Dollars in thousands]

Field of science	Total	USDA	AEC	Commerce	DOD	OEO	EPA	HEW	Interior	NASA	NSF	DOT	Other[b]
Total, all fields	421,029		2,606	25			10,133	361,440	38	1,044	42,293	2,847	603
Physical sciences, total	15,821		469				359	9,273			5,720		
Astronomy	500							253			247		
Chemistry	10,229		255				211	6,451			3,312		
Physics	4,993		214				79	2,569			2,131		
Physical sciences, n.e.c.	99						69				30		
Mathematics	9,276		19					6,066			3,191		
Environmental sciences, total	5,385		6	25			368	3,297	30		758	901	
Atmospheric sciences	89										89		
Geological sciences	2,010						66	1,321	30		593		
Oceanography	490			25				399			66		
Environmental sciences, n.e.c.	2,796		6				302	1,577			10	901	
Engineering, total	22,085		1,456				6,700	9,475		1,019	2,094	1,341	
Aeronautical	94										94		
Astronautical	196		3					193					
Chemical	1,526		8				501	719			298		
Civil	4,996						3,866	988			142		
Electrical	1,613		4					1,084			525		
Mechanical	1,623						284	1,034			305		
Metallurgy and materials	731		18				51	476			186		
Engineering, n.e.c.	11,306		1,423				1,998	4,981		1,019	544	1,341	
Life sciences, total	225,177		218				2,083	218,385			4,491		
Biological	69,885		107				547	64,740			4,491		
Clinical medical	129,545						53	129,492					
Other medical sciences	19,697		5				901	18,791					
Life sciences, n.e.c.	6,050		106				582	5,362					
Psychology, total	42,491							41,333			1,158		
Biological aspects	17,289							17,281			8		
Social aspects	16,477							15,786			691		
Psychological sciences, n.e.c.	8,725							8,266			459		
Social sciences, total	66,676						208	63,476			2,389		603
Anthropology	3,663							3,183			480		
Economics	1,132						22	6			685		419
History	233							56			177		
Linguistics	826							647			179		
Political science	411						144	11			256		
Sociology	30,811							30,262			365		184
Social sciences, n.e.c.	29,600						42	29,311			247		
Other sciences, n.e.c.	34,118		438				415	10,135	8	25	22,492	605	

[a]Table includes imputations for some $28 million in HEW fellowship and training obligations, representing grants for which HEW was unable to provide field of science breaks.

[b]Includes only Labor.

SOURCE: National Science Foundation (CASE).

B-17. Federal obligations to universities and colleges, by agency and type of control, FY 1971

Aeronautical	94									94		
Astronautical	196		3				193					
Chemical	1,526		8			501	719			298		
Civil	4,996					3,866	988			142		
Electrical	1,613		4				1,084			525		
Mechanical	1,623					284	1,034			305		
Metallurgy and materials	731		18			51	476			186		
Engineering, n.e.c.	11,306		1,423			1,998	4,981		1,019	544	1,341	
Life sciences, total	225,177		218			2,083	218,385			4,491		
Biological	69,885		107			547	64,740			4,491		
Clinical medical	129,545					53	129,492					
Other medical sciences	19,697		5			901	18,791					
Life sciences, n.e.c.	6,050		106			582	5,362					
Psychology, total	42,491						41,333			1,158		
Biological aspects	17,289						17,281			8		
Social aspects	16,477						15,786			691		
Psychological sciences, n.e.c.	8,725						8,266			459		
Social sciences, total	66,676					208	63,476			2,389		603
Anthropology	3,663						3,183			480		
Economics	1,132					22	6			685		419
History	233						56			177		
Linguistics	826						647			179		
Political science	411					144	11			256		
Sociology	30,811						30,262			365		184
Social sciences, n.e.c.	29,600					42	29,311			247		
Other sciences, n.e.c.	34,118		438			415	10,135	8	25	22,492	605	

[a]Table includes imputations for some $28 million in HEW fellowship and training obligations, representing grants for which HEW was unable to provide field of science breaks.

[b]Includes only Labor.

SOURCE: National Science Foundation (CASE).

B-17. Federal obligations to universities and colleges, by agency and type of control, FY 1971

[Dollars in thousands]

Agency	Total		Public			Private		
	Amount	Vertical percent distribution	Amount	Vertical percent distribution	Percent of agency total	Amount	Vertical percent distribution	Percent of agency total
Total	3,480,150	100.00	2,105,588	100.00	60.50	1,374,562	100.00	39.50
USDA	214,597	6.17	206,819	9.82	96.38	7,778	.57	3.62
AEC	105,836	3.04	56,389	2.68	53.28	49,447	3.60	46.72
Commerce	9,673	.28	7,339	.35	75.87	2,334	.17	24.13
DOD	241,773	6.95	130,154	6.18	53.83	111,619	8.12	46.17
OEO	37,521	1.08	20,840	.99	55.54	16,681	1.21	44.46
EPA	27,160	.78	20,055	.95	73.84	7,105	.52	26.16
HEW	2,263,406	65.04	1,321,702	62.77	58.39	941,704	68.51	41.61
Interior	22,617	.65	19,532	.93	86.36	3,085	.22	13.64
NASA	134,054	3.85	65,555	3.11	48.90	68,499	4.98	51.10
NSF	387,737	11.14	232,421	11.04	59.94	155,316	11.30	40.06
DOT	10,824	.31	6,464	.31	59.72	4,360	.32	40.28
Other[a]	24,952	.72	18,318	.87	73.41	6,634	.48	26.59

[a]Includes AID, HUD, and Labor.

SOURCE: National Science Foundation (CASE).

TABLE B-18

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY: FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
UNITED STATES, TOTAL										
PUBLIC	AMT	2,109,988	1,419,919	886,428	20,962	18,995	241,168	63,120	189,284	690,073
	NO.	1,126	648	519	94	280	411	366	292	1,118
PRIVATE	AMT	1,374,968	928,353	657,782	9,358	9,774	179,863	36,549	27,089	454,259
	NO.	1,042	626	362	32	170	384	348	217	1,270
NEW ENGLAND, TOTAL										
PUBLIC	AMT	55,954	36,991	21,790	192	647	9,939	1,989	6,978	19,363
	NO.	71	36	13	2	12	29	16	13	71
PRIVATE	AMT	289,341	242,642	187,904	3,676	2,993	37,987	9,692	4,996	42,699
	NO.	190	78	41	7	29	91	49	27	140
MAINE										
PUBLIC	AMT	9,294	2,890	1,321	0	16	387	98	1,068	2,364
	NO.	8	3	2	0	2	4	1	2	8
PRIVATE	AMT	1,978	418	30	0	11	34	17	324	1,160
	NO.	12	3	1	0	2	1	3	2	12
NEW HAMPSHIRE										
PUBLIC	AMT	9,429	3,819	2,806	0	0	230	161	814	1,810
	NO.	6	3	1	0	0	2	1	2	6
PRIVATE	AMT	13,920	8,084	4,077	1,699	141	1,172	284	713	5,844
	NO.	19	8	3	1	0	4	2	2	14
VERMONT										
PUBLIC	AMT	8,717	9,926	3,714	0	14	1,143	297	778	2,791
	NO.	9	2	1	0	1	1	1	1	9
PRIVATE	AMT	1,900	992	922	0	67	193	10	0	992
	NO.	13	9	3	0	2	9	1	0	13
MASSACHUSETTS										
PUBLIC	AMT	17,100	10,000	6,344	80	222	1,423	889	1,787	6,439
	NO.	31	19	6	1	2	12	8	9	31
PRIVATE	AMT	214,407	189,404	152,477	1,721	2,219	26,755	2,786	3,939	24,963
	NO.	91	48	22	3	9	24	28	18	70
RHODE ISLAND										
PUBLIC	AMT	9,819	3,997	2,982	72	296	334	155	916	1,896
	NO.	3	3	1	1	2	2	2	1	3
PRIVATE	AMT	10,373	8,943	6,689	0	95	1,077	327	215	1,810
	NO.	10	4	2	0	1	3	3	1	10
CONNECTICUT										
PUBLIC	AMT	13,431	9,338	9,321	0	99	2,392	429	1,193	4,301
	NO.	10	8	2	0	3	4	3	2	10
PRIVATE	AMT	43,591	35,581	24,189	256	192	8,443	2,488	203	7,970
	NO.	19	12	10	1	3	8	8	4	18
MIDDLE ATLANTIC, TOTAL										
PUBLIC	AMT	238,889	155,936	100,284	143	2,248	32,898	9,440	10,893	82,103
	NO.	129	86	37	9	29	91	49	41	126
PRIVATE	AMT	331,964	247,144	171,874	3,946	1,548	90,101	10,195	10,120	84,420
	NO.	247	133	69	12	36	99	84	56	241
NEW YORK										
PUBLIC	AMT	86,669	58,242	37,370	9	1,327	10,742	3,971	1,227	36,427
	NO.	74	46	24	1	10	24	30	17	72
PRIVATE	AMT	253,327	200,884	139,795	3,382	1,095	41,987	6,028	8,907	32,443
	NO.	128	69	37	8	17	41	44	27	123

	NO.	12	9	1	0	2	1	3	2	12
NEW HAMPSHIRE											
PUBLIC	AMT	9,429	3,819	2,906	0	0	256	101	616	1,810
	NO.	8	3	1	0	0	2	1	2	8
PRIVATE	AMT	13,925	8,884	4,077	1,699	141	1,172	284	713	9,844
	NO.	19	6	3	1	0	4	2	2	14
VERMONT											
PUBLIC	AMT	6,719	3,926	3,714	0	14	1,163	297	778	2,791
	NO.	9	2	1	0	1	1	1	1	5
PRIVATE	AMT	1,984	992	922	0	67	193	10	0	992
	NO.	15	0	3	0	2	9	1	0	13
MASSACHUSETTS											
PUBLIC	AMT	17,108	10,669	6,346	80	222	1,425	889	1,707	6,439
	NO.	31	15	6	1	2	12	8	5	31
PRIVATE	AMT	214,407	189,444	152,477	1,721	2,219	26,706	2,786	3,935	24,963
	NO.	81	40	22	5	9	26	26	15	79
RHODE ISLAND											
PUBLIC	AMT	9,619	3,997	2,982	72	296	336	199	914	1,858
	NO.	3	3	1	1	2	2	2	1	3
PRIVATE	AMT	10,373	8,363	6,889	0	95	1,077	327	215	1,810
	NO.	10	4	2	0	1	3	3	1	10
CONNECTICUT											
PUBLIC	AMT	13,631	9,338	9,221	0	99	2,392	425	1,193	4,301
	NO.	10	8	2	0	3	4	3	2	10
PRIVATE	AMT	43,591	35,581	24,189	298	100	8,443	2,488	203	7,970
	NO.	19	12	10	1	3	8	8	4	18
MIDDLE ATLANTIC, TOTAL											
PUBLIC	AMT	238,089	159,906	100,284	143	2,248	32,898	9,440	10,893	82,103
	NO.	129	86	37	5	25	51	40	41	126
PRIVATE	AMT	331,564	247,144	171,674	3,546	1,548	50,101	10,155	10,120	84,420
	NO.	247	133	66	12	36	79	84	56	241
NEW YORK											
PUBLIC	AMT	84,669	50,242	33,370	5	1,327	10,742	3,571	1,227	36,427
	NO.	74	46	24	1	10	20	30	17	72
PRIVATE	AMT	293,327	200,884	139,795	3,382	1,095	41,987	6,028	8,997	52,443
	NO.	128	65	37	8	17	41	44	27	123
NEW JERSEY											
PUBLIC	AMT	32,703	17,217	9,399	13	289	2,989	1,739	2,788	15,486
	NO.	25	16	6	1	6	11	7	15	24
PRIVATE	AMT	22,926	17,941	14,575	124	38	1,794	766	244	5,385
	NO.	25	12	5	2	2	6	9	10	25
PENNSYLVANIA											
PUBLIC	AMT	116,637	88,447	57,915	125	632	19,167	4,130	6,878	30,190
	NO.	30	24	7	3	9	14	12	9	30
PRIVATE	AMT	55,311	28,719	17,304	40	415	6,320	3,361	1,279	26,992
	NO.	94	56	24	2	17	32	31	19	93

TABLE B-18
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
EAST NORTH CENTRAL, TOTAL										
PUBLIC	AMT	370,513	270,924	176,309	1,231	2,193	46,737	8,574	35,880	99,589
	NO.	147	79	45	8	44	48	48	37	146
PRIVATE	AMT	159,377	105,326	71,724	382	643	25,456	4,313	2,808	54,051
	NO.	215	101	44	4	33	64	55	30	213
OHIO										
PUBLIC	AMT	59,165	39,034	19,243	88	383	5,763	1,154	12,403	20,131
	NO.	21	14	11	1	3	13	12	8	21
PRIVATE	AMT	50,852	32,971	21,141	15	268	9,706	1,123	718	17,881
	NO.	60	29	14	1	13	19	17	11	60
INDIANA										
PUBLIC	AMT	53,839	38,238	24,650	177	199	6,672	1,385	5,155	15,601
	NO.	10	9	5	2	5	6	6	5	10
PRIVATE	AMT	10,934	6,697	3,750	145	10	757	1,210	825	4,237
	NO.	33	14	3	1	1	8	8	5	32
ILLINOIS										
PUBLIC	AMT	71,330	52,935	37,429	442	275	7,784	982	6,023	18,395
	NO.	47	17	9	2	9	10	10	9	47
PRIVATE	AMT	82,752	60,692	43,725	222	255	13,976	1,644	870	22,060
	NO.	60	30	12	2	11	17	18	8	60
MICHIGAN										
PUBLIC	AMT	114,849	84,384	56,860	388	733	16,254	2,497	7,652	30,465
	NO.	42	17	8	2	8	11	11	7	42
PRIVATE	AMT	6,397	1,267	683	0	58	164	102	260	5,130
	NO.	37	15	9	0	5	10	10	2	37
WISCONSIN										
PUBLIC	AMT	71,330	56,333	38,127	136	603	10,264	2,556	4,647	14,997
	NO.	27	22	12	1	19	8	9	8	26
PRIVATE	AMT	8,442	3,699	2,425	0	52	853	234	135	4,743
	NO.	25	13	6	0	3	10	2	4	24
WEST NORTH CENTRAL, TOTAL										
PUBLIC	AMT	234,536	132,055	72,497	4,614	929	24,651	6,806	22,558	102,481
	NO.	123	61	34	6	33	42	37	28	123
PRIVATE	AMT	80,644	36,605	23,413	1,075	200	8,606	2,097	1,214	44,039
	NO.	143	68	18	2	16	41	32	23	143
MINNESOTA										
PUBLIC	AMT	79,117	44,931	26,743	2,983	203	9,240	1,045	4,717	34,186
	NO.	25	11	4	1	5	6	4	5	25
PRIVATE	AMT	4,981	1,430	205	0	61	406	307	451	3,551
	NO.	25	16	3	0	4	12	9	4	25
IOWA										
PUBLIC	AMT	45,384	28,217	15,743	462	147	4,793	2,722	4,350	17,167
	NO.	16	8	5	1	6	4	3	3	16
PRIVATE	AMT	7,888	1,073	67	0	37	238	329	402	6,815
	NO.	33	17	5	0	6	9	8	9	33
MISSOURI										

	NO.	10	9	5	2	5	6	6	5	10
PRIVATE	AMT	10,934	6,697	3,750	145	10	757	1,210	825	4,237
	NO.	33	14	3	1	1	8	8	5	32
ILLINOIS										
PUBLIC	AMT	71,330	52,935	37,429	442	275	7,784	982	6,023	18,395
	NO.	47	17	9	2	9	10	10	9	47
PRIVATE	AMT	82,752	60,692	43,725	222	255	13,976	1,644	870	22,060
	NO.	60	30	12	2	11	17	18	8	60
MICHIGAN										
PUBLIC	AMT	114,849	84,384	56,860	388	733	16,234	2,497	7,652	30,465
	NO.	42	17	8	2	8	11	11	7	42
PRIVATE	AMT	8,307	1,287	683	0	58	164	102	260	5,130
	NO.	37	15	9	0	5	10	10	2	37
WISCONSIN										
PUBLIC	AMT	71,330	56,333	38,127	136	603	10,264	2,556	4,647	14,997
	NO.	27	22	12	1	19	8	9	8	26
PRIVATE	AMT	8,442	3,699	2,425	0	52	853	234	135	4,743
	NO.	25	13	6	0	3	10	2	4	24
WEST NORTH CENTRAL, TOTAL										
PUBLIC	AMT	234,536	132,055	72,497	4,614	929	24,651	6,806	22,558	102,481
	NO.	123	61	34	6	33	42	37	28	123
PRIVATE	AMT	80,644	36,605	23,413	1,075	200	8,606	2,097	1,214	44,039
	NO.	143	68	18	2	16	41	32	23	143
MINNESOTA										
PUBLIC	AMT	79,117	44,931	26,743	2,983	203	9,240	1,045	4,717	34,186
	NO.	25	11	4	1	5	6	4	5	25
PRIVATE	AMT	4,981	1,430	205	0	61	406	307	451	3,551
	NO.	25	16	3	0	4	12	9	4	25
IOWA										
PUBLIC	AMT	45,384	28,217	15,743	462	147	4,793	2,722	4,350	17,167
	NO.	16	8	5	1	6	4	3	3	16
PRIVATE	AMT	7,888	1,073	67	0	37	238	329	402	6,815
	NO.	33	17	5	0	6	9	8	9	33
MISSOURI										
PUBLIC	AMT	41,553	18,909	8,807	840	221	3,530	853	4,658	22,644
	NO.	25	17	9	1	9	11	12	7	25
PRIVATE	AMT	52,468	32,376	22,786	535	18	7,681	1,130	226	20,092
	NO.	35	14	4	1	3	8	5	7	35
NORTH DAKOTA										
PUBLIC	AMT	9,326	5,146	2,437	0	47	616	216	1,830	4,180
	NO.	9	4	3	0	2	3	3	3	9
PRIVATE	AMT	793	17	0	0	0	17	0	0	776
	NO.	3	1	0	0	0	1	0	0	3
SOUTH DAKOTA										
PUBLIC	AMT	9,617	5,463	2,844	0	96	465	171	1,887	4,154
	NO.	7	6	3	0	4	6	5	3	7
PRIVATE	AMT	1,660	410	74	0	14	61	217	44	1,250
	NO.	9	4	2	0	1	3	2	1	9
NEBRASKA										
PUBLIC	AMT	17,703	9,701	5,022	314	75	1,839	294	2,157	8,002
	NO.	14	6	4	1	3	5	4	2	14
PRIVATE	AMT	10,668	1,206	273	540	53	158	91	91	9,462
	NO.	14	7	2	1	1	4	4	2	14
KANSAS										
PUBLIC	AMT	31,836	19,688	10,901	15	140	4,168	1,505	2,959	12,148
	NO.	27	9	6	2	4	7	6	5	27
PRIVATE	AMT	2,186	93	8	0	17	45	23	0	2,093
	NO.	24	9	2	0	1	4	4	0	24

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL ACADEMIC SCIENCE	ACADEMIC SCIENCE: RESEARCH AND DEVELOPMENT	ACADEMIC SCIENCE: R&D PLANT	ACADEMIC SCIENCE: FACIL. FOR INSTR. IN SCI. & ENG.	ACADEMIC SCIENCE: FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	ACADEMIC SCIENCE: GENERAL SUPPORT FOR SCIENCE	ACADEMIC SCIENCE: OTHER SCIENCE	NON-SCIENCE
SOUTH ATLANTIC, TOTAL	AMT	261,374	174,100	96,142	276	1,736	32,303	9,972	33,671	87,274
PUBLIC	NO.	204	109	49	7	40	76	57	41	203
PRIVATE	AMT	247,197	123,617	84,054	274	2,904	28,288	4,984	3,113	123,580
	NO.	187	89	29	4	29	58	47	26	184
DELAWARE	AMT	5,313	3,839	1,901	0	60	406	521	951	1,474
PUBLIC	NO.	3	3	2	0	3	2	2	2	3
PRIVATE	AMT	257	25	0	0	18	7	0	0	232
	NO.	4	2	0	0	2	1	0	0	4
MARYLAND	AMT	33,222	23,413	16,015	54	132	3,308	1,523	2,381	9,809
PUBLIC	NO.	25	14	7	1	4	10	4	4	25
PRIVATE	AMT	46,907	39,377	29,047	35	122	8,901	868	404	7,530
	NO.	20	8	3	1	2	7	4	2	20
DIST. OF COLUMBIA	AMT	3,607	1,134	134	0	28	155	143	674	2,473
PUBLIC	NO.	3	3	2	0	1	2	3	2	3
PRIVATE	AMT	94,840	24,186	16,596	0	108	5,664	868	950	70,654
	NO.	11	7	7	0	3	6	6	5	11
VIRGINIA	AMT	40,062	27,126	14,812	12	192	5,722	1,290	3,098	12,936
PUBLIC	NO.	29	16	8	1	4	12	9	7	28
PRIVATE	AMT	4,927	792	149	2	279	104	93	165	4,135
	NO.	27	14	4	1	5	7	11	2	26
WEST VIRGINIA	AMT	16,725	8,990	3,907	46	32	1,953	442	2,610	7,735
PUBLIC	NO.	11	7	2	1	3	4	5	2	11
PRIVATE	AMT	3,034	429	11	0	354	6	10	48	2,605
	NO.	9	5	1	0	3	1	2	1	9
NORTH CAROLINA	AMT	62,091	44,716	23,867	76	326	8,171	3,786	8,490	17,375
PUBLIC	NO.	50	18	8	2	4	14	9	8	50
PRIVATE	AMT	42,803	30,012	19,442	223	551	7,427	1,416	953	12,791
	NO.	42	18	4	1	4	14	7	4	42
SOUTH CAROLINA	AMT	18,742	10,786	4,491	0	225	1,836	354	3,880	7,956
PUBLIC	NO.	20	10	4	0	4	6	6	4	20
PRIVATE	AMT	5,345	316	5	0	143	109	18	41	5,029
	NO.	22	12	1	0	5	7	6	1	21
GEORGIA	AMT	36,607	24,385	14,188	0	386	3,209	823	5,783	12,222
PUBLIC	NO.	28	17	8	0	7	14	8	6	28
PRIVATE	AMT	21,127	10,600	5,429	0	42	3,540	1,207	382	10,527
	NO.	29	12	3	0	1	8	5	9	28
FLORIDA	AMT	45,005	29,711	16,827	88	355	7,547	1,090	3,804	15,294
PUBLIC	NO.	35	21	8	2	10	12	11	6	35
PRIVATE	AMT	27,957	17,680	13,375	14	1,287	2,530	504	170	10,077
	NO.	23	11	6	1	4	7	6	2	23

MARYLAND										
PUBLIC	AMT	33,222	23,413	16,015	54	132	3,308	1,523	2,381	9,809
	NO.	25	14	7	1	4	10	4	4	25
PRIVATE	AMT	46,907	39,377	29,047	35	122	8,901	868	404	7,530
	NO.	20	8	3	1	2	7	4	2	20
DIST. OF COLUMBIA										
PUBLIC	AMT	3,607	1,134	134	0	28	155	143	674	2,473
	NO.	3	3	2	0	1	2	3	2	3
PRIVATE	AMT	94,840	24,186	16,596	0	108	5,664	868	950	70,654
	NO.	11	7	7	0	3	6	6	5	11
VIRGINIA										
PUBLIC	AMT	40,062	27,126	14,812	12	192	5,722	1,290	5,098	12,936
	NO.	29	16	8	1	4	12	9	7	28
PRIVATE	AMT	4,927	7[illegible]2	149	2	279	104	93	165	4,135
	NO.	27	14	4	1	5	7	11	2	26
WEST VIRGINIA										
PUBLIC	AMT	16,725	8,990	3,907	46	32	1,953	442	2,610	7,735
	NO.	11	7	2	1	3	4	5	2	11
PRIVATE	AMT	3,034	429	11	0	354	6	10	48	2,605
	NO.	9	5	1	0	3	1	2	1	9
NORTH CAROLINA										
PUBLIC	AMT	62,091	44,716	23,867	76	326	8,171	3,786	8,490	17,375
	NO.	30	18	8	2	4	14	9	8	30
PRIVATE	AMT	42,803	30,012	19,442	223	551	7,427	1,416	953	12,791
	NO.	42	18	4	1	4	14	7	4	42
SOUTH CAROLINA										
PUBLIC	AMT	18,742	10,786	4,491	0	225	1,836	354	3,880	7,956
	NO.	20	10	4	0	4	6	6	4	20
PRIVATE	AMT	5,345	316	5	0	143	109	18	41	5,029
	NO.	22	12	1	0	5	7	6	1	21
GEORGIA										
PUBLIC	AMT	36,607	24,385	14,188	0	386	3,205	823	5,783	12,222
	NO.	28	17	8	0	7	14	8	6	28
PRIVATE	AMT	21,127	10,600	5,429	0	42	3,540	1,207	382	10,527
	NO.	29	12	3	0	1	8	5	9	28
FLORIDA										
PUBLIC	AMT	45,005	29,711	16,827	88	355	7,547	1,090	3,804	15,294
	NO.	35	21	8	2	10	12	11	6	35
PRIVATE	AMT	27,957	17,880	13,375	14	1,287	2,530	504	170	10,077
	NO.	23	11	6	1	4	7	6	2	23
EAST SOUTH CENTRAL, TOTAL										
PUBLIC	AMT	132,313	75,538	39,677	89	1,097	11,289	2,932	20,454	56,775
	NO.	80	49	23	1	24	32	33	22	80
PRIVATE	AMT	62,452	20,072	12,398	0	443	5,245	1,299	687	42,380
	NO.	95	44	11	0	9	27	20	15	95
KENTUCKY										
PUBLIC	AMT	31,044	17,981	9,028	0	301	3,056	797	4,799	13,063
	NO.	7	7	5	0	5	7	7	6	7
PRIVATE	AMT	4,833	526	32	0	261	167	60	6	4,307
	NO.	23	14	1	0	3	11	5	1	23
TENNESSEE										
PUBLIC	AMT	31,162	19,515	9,690	89	102	3,347	658	5,629	11,647
	NO.	19	12	6	1	5	8	8	6	19
PRIVATE	AMT	44,301	18,494	11,844	0	81	4,799	1,151	619	25,807
	NO.	39	16	6	0	3	10	10	11	39

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OR ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
			TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
EAST SOUTH CENTRAL										
ALABAMA										
PUBLIC	AMT	44,658	24,901	15,139	0	491	3,451	865	4,955	19,757
	NO.	29	17	7	0	8	11	11	5	29
PRIVATE	AMT	9,144	839	427	0	17	255	78	62	8,305
	NO.	19	8	2	0	1	3	4	3	19
MISSISSIPPI										
PUBLIC	AMT	25,449	13,141	5,820	0	203	1,433	612	5,071	12,308
	NO.	25	13	5	0	6	6	7	5	25
PRIVATE	AMT	4,174	213	95	0	84	24	10	0	3,961
	NO.	14	6	2	0	2	3	1	0	14
WEST SOUTH CENTRAL, TOTAL										
PUBLIC	AMT	214,947	123,503	66,331	7,306	1,923	18,606	6,707	22,630	91,444
	NO.	120	89	45	8	52	49	50	32	118
PRIVATE	AMT	61,379	35,865	24,256	5	109	7,037	3,372	1,086	25,514
	NO.	78	38	16	1	12	24	22	9	78
ARKANSAS										
PUBLIC	AMT	19,523	9,581	3,818	0	232	1,519	363	3,649	9,942
	NO.	9	8	3	0	7	4	4	1	9
PRIVATE	AMT	2,332	74	54	0	0	9	11	0	2,258
	NO.	11	5	2	0	0	4	1	0	11
LOUISIANA										
PUBLIC	AMT	47,531	18,706	6,650	4,958	323	2,258	553	3,964	28,825
	NO.	14	14	9	1	9	10	11	7	14
PRIVATE	AMT	18,408	11,747	6,863	0	47	3,147	1,470	220	6,661
	NO.	10	7	1	0	5	4	4	3	10
OKLAHOMA										
PUBLIC	AMT	29,555	18,231	8,131	12	90	3,728	1,149	5,121	11,324
	NO.	24	15	6	1	3	8	10	5	24
PRIVATE	AMT	2,381	376	161	0	12	177	26	0	2,005
	NO.	11	6	3	0	1	4	3	0	11
TEXAS										
PUBLIC	AMT	118,338	76,985	47,732	2,336	1,278	11,101	4,642	9,896	41,353
	NO.	73	52	27	6	33	27	25	19	71
PRIVATE	AMT	38,258	23,668	17,178	5	50	3,704	1,865	866	14,590
	NO.	46	20	10	1	6	12	14	6	46
MOUNTAIN, TOTAL										
PUBLIC	AMT	167,823	115,577	78,410	594	841	17,188	5,627	12,917	52,246
	NO.	75	58	26	7	22	34	28	33	74
PRIVATE	AMT	11,062	7,584	5,146	9	72	1,692	455	210	3,478
	NO.	22	13	11	1	3	9	8	2	22
MONTANA										
PUBLIC	AMT	9,178	5,444	2,527	16	103	815	614	1,369	3,734
	NO.	9	8	3	1	5	4	5	4	9
PRIVATE	AMT	534	54	0	0	0	54	0	0	478

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PUBLIC	NO.	120	89	45	8	52	49	50	32	118
PRIVATE	AMT	61,379	35,865	24,256	5	109	7,037	3,372	1,086	25,514
	NO.	78	38	16	1	12	24	22	9	78
ARKANSAS										
PUBLIC	AMT	19,523	9,581	3,818	0	232	1,519	363	3,649	9,942
	NO.	9	8	3	0	7	4	4	1	9
PRIVATE	AMT	2,332	74	54	0	0	9	11	0	2,258
	NO.	11	5	2	0	0	4	1	0	11
LOUISIANA										
PUBLIC	AMT	47,531	18,706	6,650	4,958	323	2,258	553	3,964	28,825
	NO.	14	14	9	1	9	10	11	7	14
PRIVATE	AMT	18,408	11,747	6,863	0	47	3,147	1,470	220	6,661
	NO.	10	7	1	0	5	4	4	3	10
OKLAHOMA										
PUBLIC	AMT	29,555	18,231	8,131	12	90	3,728	1,149	5,121	11,324
	NO.	24	15	6	1	3	8	10	5	24
PRIVATE	AMT	2,381	376	161	0	12	177	26	0	2,005
	NO.	11	6	3	0	1	4	3	0	11
TEXAS										
PUBLIC	AMT	118,338	76,985	47,732	2,336	1,278	11,101	4,642	9,896	41,353
	NO.	73	52	27	6	33	27	25	19	71
PRIVATE	AMT	38,258	23,668	17,178	5	50	3,704	1,865	866	14,590
	NO.	46	20	10	1	6	12	14	6	46
MOUNTAIN, TOTAL										
PUBLIC	AMT	167,823	115,577	78,410	594	841	17,188	5,627	12,917	52,246
	NO.	75	58	26	7	22	34	28	33	74
PRIVATE	AMT	11,062	7,584	5,146	9	72	1,692	455	210	3,478
	NO.	22	13	11	1	3	9	8	2	22
MONTANA										
PUBLIC	AMT	9,178	5,444	2,527	16	103	815	614	1,369	3,734
	NO.	9	8	3	1	5	4	5	4	9
PRIVATE	AMT	534	56	0	0	0	56	0	0	478
	NO.	3	1	0	0	0	1	0	0	3
IDAHO										
PUBLIC	AMT	5,708	3,149	1,498	0	32	377	77	1,165	2,559
	NO.	6	6	2	0	2	4	2	4	6
PRIVATE	AMT	395	80	24	0	1	5	50	0	315
	NO.	2	2	2	0	1	1	1	0	2
WYOMING										
PUBLIC	AMT	5,682	4,212	2,035	0	315	355	226	1,281	1,470
	NO.	7	4	1	0	2	2	2	1	7
PRIVATE	AMT	12	0	0	0	0	0	0	0	12
	NO.	1	0	0	0	0	0	0	0	1
COLORADO										
PUBLIC	AMT	54,055	39,458	27,603	74	205	6,210	2,176	3,190	14,597
	NO.	20	16	5	2	2	6	4	12	20
PRIVATE	AMT	5,942	5,337	3,914	0	0	1,025	275	123	605
	NO.	6	5	4	0	0	3	4	1	6
NEW MEXICO										
PUBLIC	AMT	24,846	16,778	12,366	0	41	1,611	417	2,343	8,068
	NO.	8	6	5	0	1	5	6	3	8
PRIVATE	AMT	1,408	257	59	0	67	121	10	0	1,151
	NO.	3	2	2	0	1	1	1	0	3

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES AND THE NUMBER OF RECIPIENT INSTITUTIONS, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY, FY 1971
(DOLLARS IN THOUSANDS)

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL		TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON-SCIENCE
MOUNTAIN										
ARIZONA										
PUBLIC	AMT	25,994	16,814	11,390	28	71	3,052	395	1,878	9,180
	NO.	12	9	3	1	6	8	3	3	12
PRIVATE	AMT	1,288	653	611	0	4	28	10	0	635
	NO.	3	2	2	0	1	2	1	0	3
UTAH										
PUBLIC	AMT	36,104	25,784	18,315	252	57	4,451	1,593	1,116	10,320
	NO.	9	5	4	1	2	3	4	3	9
PRIVATE	AMT	1,478	1,201	538	9	0	457	110	87	277
	NO.	3	1	1	1	0	1	1	1	3
NEVADA										
PUBLIC	AMT	6,256	3,938	2,676	224	17	317	129	575	2,318
	NO.	4	4	3	2	2	2	2	3	3
PRIVATE	AMT	5	0	0	0	0	0	0	0	5
	NO.	1	0	0	0	0	0	0	0	1
PACIFIC, TOTAL										
PUBLIC	AMT	408,477	318,023	229,370	6,064	5,177	50,027	10,811	16,374	90,454
	NO.	172	76	39	10	24	50	44	42	172
PRIVATE	AMT	131,868	101,162	77,133	413	1,148	15,711	3,982	2,775	30,706
	NO.	101	59	26	1	11	28	35	27	100
WASHINGTON										
PUBLIC	AMT	70,943	58,124	40,226	172	779	10,659	3,129	3,159	12,819
	NO.	28	9	4	2	3	6	6	7	28
PRIVATE	AMT	2,723	592	153	0	0	151	77	211	2,131
	NO.	11	9	3	0	0	6	5	6	11
OREGON										
PUBLIC	AMT	40,233	29,476	19,527	10	520	5,605	1,287	2,527	10,757
	NO.	21	11	6	2	4	9	7	7	21
PRIVATE	AMT	2,516	782	543	0	0	90	75	74	1,734
	NO.	16	7	5	0	0	3	4	2	16
CALIFORNIA										
PUBLIC	AMT	269,139	207,652	151,448	5,854	3,013	32,417	5,752	9,168	61,487
	NO.	120	54	27	5	15	33	29	26	120
PRIVATE	AMT	125,386	99,246	76,437	413	1,148	15,442	3,820	1,986	26,140
	NO.	68	41	18	1	11	18	25	17	67
ALASKA										
PUBLIC	AMT	9,151	8,420	7,348	0	141	51	248	632	731
	NO.	2	1	1	0	1	1	1	1	2
PRIVATE	AMT	420	42	0	0	0	28	10	4	378
	NO.	2	1	0	0	0	1	1	1	2
HAWAII										
PUBLIC	AMT	19,011	14,351	11,021	28	724	1,295	395	868	4,660
	NO.	1	1	1	1	1	1	1	1	1
PRIVATE	AMT	823	500	0	0	0	0	0	500	323
	NO.	4	1	0	0	0	0	0	1	4
OUTLYING AREAS, TOTAL										
PUBLIC	AMT	21,642	13,298	5,418	93	2,164	1,528	266	3,829	8,344
	NO.	5	5	4	0	4	4	4	3	5
PRIVATE	AMT	3,678	336	0	0	114	140	0	82	3,342
	NO.	4	3	0	0	2	3	0	2	4

	NO.	4	4	3	2	2	2	2	3	3
PRIVATE	AMT	5	0	0	0	0	0	0	0	5
	NO.	1	0	0	0	0	0	0	0	1
PACIFIC, TOTAL										
PUBLIC	AMT	408,477	318,023	229,570	6,064	5,177	50,027	10,811	16,374	90,454
	NO.	172	76	39	10	24	50	44	42	172
PRIVATE	AMT	131,868	101,162	77,133	413	1,148	15,711	3,982	2,775	30,706
	NO.	101	59	26	1	11	28	35	27	100
WASHINGTON										
PUBLIC	AMT	70,943	58,124	40,226	172	779	10,659	3,129	3,159	12,819
	NO.	28	9	4	2	3	6	6	7	28
PRIVATE	AMT	2,723	592	153	0	0	151	77	211	2,131
	NO.	11	9	3	0	0	6	5	6	11
OREGON										
PUBLIC	AMT	40,233	29,476	19,527	10	520	5,605	1,287	2,527	10,757
	NO.	21	11	6	2	4	9	7	7	21
PRIVATE	AMT	2,516	782	543	0	0	90	75	74	1,734
	NO.	16	7	5	0	0	3	4	2	16
CALIFORNIA										
PUBLIC	AMT	269,139	207,652	151,448	5,854	3,013	32,417	5,752	9,168	61,487
	NO.	120	54	27	5	15	33	29	26	120
PRIVATE	AMT	125,386	99,246	76,437	413	1,148	15,442	3,820	1,984	26,140
	NO.	68	41	18	1	11	18	25	17	67
ALASKA										
PUBLIC	AMT	9,151	8,420	7,348	0	141	51	248	632	731
	NO.	2	1	1	0	1	1	1	1	2
PRIVATE	AMT	420	42	0	0	0	28	10	4	378
	NO.	2	1	0	0	0	1	1	1	2
HAWAII										
PUBLIC	AMT	19,011	14,351	11,021	28	724	1,295	395	868	4,660
	NO.	1	1	1	1	1	1	1	1	1
PRIVATE	AMT	823	500	0	0	0	0	0	500	323
	NO.	4	1	0	0	0	0	0	1	4
OUTLYING AREAS, TOTAL										
PUBLIC	AMT	21,642	13,298	5,418	93	2,164	1,528	266	3,829	8,344
	NO.	5	5	4	0	4	4	4	3	5
PRIVATE	AMT	3,678	336	0	0	114	140	0	82	3,342
	NO.	4	3	0	0	2	3	0	2	4
GUAM										
PUBLIC	AMT	430	16	0	0	16	0	0	0	414
	NO.	1	1	0	0	1	0	0	0	1
PUERTO RICO										
PUBLIC	AMT	20,448	12,842	5,106	93	2,132	1,508	243	3,762	7,606
	NO.	3	3	3	0	2	3	3	2	3
PRIVATE	AMT	3,678	336	0	0	114	140	0	82	3,342
	NO.	4	3	0	0	2	3	0	2	4
VIRGIN ISLANDS										
PUBLIC	AMT	764	440	312	0	16	22	23	67	324
	NO.	1	1	1	0	1	1	1	1	1

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-19

PERCENT DISTRIBUTION OF FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY FY 1971

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE							
		TOTAL ACADEMIC SCIENCE	RESEARCH AND DEVELOPMENT	R&D PLANT	FACIL. FOR INSTR. IN SCI. & ENG.	FELLOWSHIPS, TRAINEESHIPS, TRAIN. GRANTS	GENERAL SUPPORT FOR SCIENCE	OTHER SCIENCE	NON SCIENCE
UNITED STATES, TOTAL									
PUBLIC	60.50	60.60	57.41	57.28	68.67	65.98	43.33	67.25	60.31
PRIVATE	39.50	39.40	42.59	42.72	31.33	34.02	56.67	32.75	39.69
NEW ENGLAND, TOTAL									
PUBLIC	16.39	13.19	10.39	13.64	3.97	19.97	25.20	54.92	31.20
PRIVATE	83.61	86.81	89.61	86.36	96.03	80.03	74.80	45.08	68.80
MAINE, TOTAL									
PUBLIC	76.90	87.36	97.78	91.49	.00	59.26	85.22	76.72	67.08
PRIVATE	23.10	12.64	2.22	8.51	.00	40.74	14.78	23.28	32.92
NEW HAMPSHIRE, TOTAL									
PUBLIC	28.05	32.08	36.99	16.76	.00	.00	36.18	53.37	21.60
PRIVATE	71.95	67.92	61.01	83.24	100.00	100.00	63.82	46.63	78.40
VERMONT, TOTAL									
PUBLIC	85.29	91.48	92.69	88.37	.00	17.28	96.25	100.00	74.57
PRIVATE	14.71	8.52	7.93	11.63	.00	82.72	3.75	.00	25.43
MASSACHUSETTS, TOTAL									
PUBLIC	7.39	5.33	4.00	5.07	4.44	9.09	24.19	32.56	20.51
PRIVATE	92.61	94.67	96.00	94.93	95.56	90.91	75.81	67.44	79.49
RHODE ISLAND, TOTAL									
PUBLIC	35.92	31.61	27.26	23.78	100.00	84.33	32.16	70.59	50.65
PRIVATE	64.08	68.39	72.74	76.22	.00	15.67	67.84	29.41	49.35
CONNECTICUT, TOTAL									
PUBLIC	23.84	20.77	17.60	22.08	.00	49.75	14.69	65.46	35.05
PRIVATE	76.16	79.23	82.20	77.92	100.00	50.25	85.31	14.54	64.95
MIDDLE ATLANTIC, TOTAL									
PUBLIC	41.79	38.68	36.87	39.64	3.88	59.22	48.18	51.84	49.30
PRIVATE	58.21	61.32	63.13	60.36	96.12	40.78	51.82	48.16	50.70
NEW YORK, TOTAL									
PUBLIC	25.49	20.01	19.27	20.37	.15	54.79	37.20	12.49	41.99
PRIVATE	74.51	79.99	80.73	79.63	99.85	45.21	62.80	87.51	58.01
NEW JERSEY, TOTAL									
PUBLIC	58.79	49.53	39.23	62.49	9.49	88.38	69.42	91.95	74.20
PRIVATE	41.21	50.47	60.80	37.51	90.51	11.62	30.58	8.05	25.80
PENNSYLVANIA, TOTAL									
PUBLIC	68.20	75.49	76.57	75.20	75.76	60.36	55.13	84.32	53.17
PRIVATE	31.80	24.51	23.13	24.80	24.24	39.64	44.87	15.68	46.83
EAST NORTH CENTRAL, TOTAL									
PUBLIC	69.92	72.01	71.06	64.74	76.32	77.33	66.53	92.74	64.82
PRIVATE	30.08	27.99	28.93	35.26	23.68	22.67	33.47	7.26	35.18
OHIO, TOTAL									
PUBLIC	53.78	54.21	47.65	37.26	85.44	58.83	50.68	94.53	52.96
PRIVATE	46.22	45.79	52.35	62.74	14.56	41.17	49.32	5.47	47.04
INDIANA, TOTAL									
PUBLIC	83.12	85.10	86.93	89.81	54.97	95.22	53.37	86.20	78.64
PRIVATE	16.88	14.90	13.27	10.19	45.03	4.78	46.63	13.80	21.36
ILLINOIS, TOTAL									
PUBLIC	46.29	46.59	46.13	35.77	66.57	51.89	37.40	87.38	45.47
PRIVATE	53.71	53.41	53.87	64.23	33.43	48.11	62.60	12.62	54.53
MICHIGAN, TOTAL									
PUBLIC	94.72	98.52	98.81	99.00	100.00	92.47	96.03	96.71	85.59
PRIVATE	5.28	1.48	1.19	1.00	.00	7.53	3.97	3.29	14.41

PUBLIC	7.39	5.33	4.0[illegible]	5.07	8.44	[illegible]	[illegible]	32.56	20.51
PRIVATE	92.61	94.67	96.00	94.93	95.56	90.91	75.61	67.44	79.49
RHODE ISLAND, TOTAL	35.92	31.61	27.26	23.78	100.00	84.33	32.16	70.59	50.65
PUBLIC	64.08	68.39	72.74	76.22	.00	15.67	67.84	29.41	49.35
PRIVATE									
CONNECTICUT, TOTAL	23.84	20.77	17.60	22.08	.00	49.75	14.69	85.46	35.05
PUBLIC	76.16	79.23	82.20	77.92	100.00	50.25	85.31	14.54	64.95
PRIVATE									
MIDDLE ATLANTIC, TOTAL	41.79	38.68	36.87	39.64	3.88	59.22	48.18	51.84	49.30
PUBLIC	58.21	61.32	63.13	60.36	96.12	40.78	51.82	48.16	50.70
PRIVATE									
NEW YORK, TOTAL	25.49	20.01	19.27	20.37	.15	54.79	37.20	12.49	41.99
PUBLIC	74.51	79.99	80.73	79.63	99.85	45.21	62.80	87.51	58.01
PRIVATE									
NEW JERSEY, TOTAL	58.79	49.53	39.20	62.49	9.49	88.38	69.42	91.95	74.20
PUBLIC	41.21	50.47	60.80	37.51	90.51	11.62	30.58	8.05	25.80
PRIVATE									
PENNSYLVANIA, TOTAL	68.20	75.49	76.57	75.20	75.76	60.36	55.13	84.32	53.17
PUBLIC	31.80	24.51	23.13	24.80	24.24	39.64	44.87	15.68	46.83
PRIVATE									
EAST NORTH CENTRAL, TOTAL	69.92	72.01	71.06	64.74	76.32	77.53	66.53	92.74	64.82
PUBLIC	30.08	27.99	28.92	35.26	23.68	22.67	33.47	7.26	35.18
PRIVATE									
OHIO, TOTAL	53.78	54.21	47.65	37.96	85.44	58.83	50.68	94.53	52.96
PUBLIC	46.22	45.79	52.35	62.74	14.56	41.17	49.32	5.47	47.04
PRIVATE									
INDIANA, TOTAL	33.12	85.19	86.37	89.81	54.97	95.22	53.37	86.20	78.64
PUBLIC	16.88	14.81	13.20	10.19	45.03	4.78	46.63	13.80	21.36
PRIVATE									
ILLINOIS, TOTAL	46.29	46.59	46.12	35.77	66.57	51.89	37.40	87.36	45.47
PUBLIC	53.71	53.41	53.88	64.23	33.43	48.11	62.60	12.64	54.53
PRIVATE									
MICHIGAN, TOTAL	94.72	98.52	98.81	99.00	100.00	92.47	96.03	96.71	85.59
PUBLIC	5.28	1.48	1.19	1.00	.00	7.53	3.92	3.29	14.41
PRIVATE									
WISCONSIN, TOTAL	89.42	91.84	94.02	92.33	100.00	92.06	91.61	97.18	75.97
PUBLIC	10.58	8.16	5.98	7.67	.00	7.94	8.39	2.82	24.03
PRIVATE									
WEST NORTH CENTRAL, TOTAL	74.41	78.31	75.50	74.12	81.10	82.29	76.45	94.89	69.94
PUBLIC	25.59	21.71	24.41	25.88	18.90	17.71	23.55	5.11	30.06
PRIVATE									
MINNESOTA, TOTAL	94.08	96.92	99.24	95.79	100.00	76.89	77.29	91.27	90.59
PUBLIC	5.92	3.08	.76	4.21	.00	23.11	22.71	8.73	9.41
PRIVATE									
IOWA, TOTAL	85.19	98.34	99.53	95.27	100.00	79.89	89.22	91.54	71.58
PUBLIC	14.81	3.66	.47	4.73	.00	20.11	10.78	8.46	28.42
PRIVATE									
MISSOURI, TOTAL	44.20	36.87	27.85	31.49	61.09	92.47	43.02	95.37	52.99
PUBLIC	55.80	63.13	72.15	68.51	38.91	7.53	56.98	4.63	47.01
PRIVATE									
NORTH DAKOTA, TOTAL	92.16	99.67	100.00	97.31	.00	100.00	100.00	100.00	84.34
PUBLIC	7.84	.33	.00	2.69	.00	.00	.00	.00	15.66
PRIVATE									

TABLE B-19
CONTINUED

PERCENT DISTRIBUTION OF FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY: FY 1971

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	ACADEMIC SCIENCE: TOTAL	ACADEMIC SCIENCE: RESEARCH AND DEVELOPMENT	ACADEMIC SCIENCE: R&D PLANT	ACADEMIC SCIENCE: FACIL. FOR INSTR. IN SCI. & ENG.	ACADEMIC SCIENCE: FELLOWSHIPS, TRAINEESHIPS, GRANTS	ACADEMIC SCIENCE: GENERAL SUPPORT FOR SCIENCE	ACADEMIC SCIENCE: OTHER SCIENCE	NON SCIENCE
WEST NORTH CENTRAL									
SOUTH DAKOTA, TOTAL	85.25	93.03	97.45	88.41	.00	87.27	44.07	97.74	76.87
PUBLIC	14.73	6.96	2.54	11.59	.00	12.73	55.91	2.26	23.13
PRIVATE									
NEBRASKA, TOTAL	92.45	86.91	94.04	99.09	58.77	98.59	76.36	95.95	45.82
PUBLIC	17.55	13.04	5.15	7.91	41.23	41.41	23.64	4.05	54.18
PRIVATE									
KANSAS, TOTAL	93.57	99.53	99.93	98.93	100.00	89.17	98.49	100.00	85.30
PUBLIC	6.43	.47	.07	1.07	.00	10.83	1.51	.00	14.70
PRIVATE									
SOUTH ATLANTIC, TOTAL	51.39	58.47	53.39	53.71	57.18	57.41	66.04	91.54	41.39
PUBLIC	48.61	41.53	46.65	46.29	42.82	42.59	33.97	8.46	58.61
PRIVATE									
DELAWARE, TOTAL	95.59	99.35	100.00	98.31	.00	76.92	100.00	100.00	86.40
PUBLIC	4.41	.65	.00	1.69	.00	23.08	.00	.00	13.60
PRIVATE									
MARYLAND, TOTAL	41.46	37.28	29.34	27.09	65.67	51.97	53.70	82.46	58.57
PUBLIC	58.54	62.71	66.65	72.91	34.33	48.03	46.30	14.91	41.43
PRIVATE									
DIST. OF COLUMBIA, TOTAL	3.66	4.48	.87	2.66	.04	20.59	14.14	41.50	3.38
PUBLIC	96.34	95.52	99.13	97.34	.00	79.41	85.86	58.54	96.62
PRIVATE									
VIRGINIA, TOTAL	89.05	97.15	98.13	98.21	85.71	41.76	93.25	96.86	78.78
PUBLIC	10.95	2.85	1.87	1.79	14.29	58.24	6.75	3.14	24.22
PRIVATE									
WEST VIRGINIA, TOTAL	96.84	95.69	99.75	99.69	100.00	8.29	97.79	98.19	74.81
PUBLIC	13.36	4.31	.25	.31	.00	91.71	2.21	1.81	25.19
PRIVATE									
NORTH CAROLINA, TOTAL	59.19	59.84	59.11	59.35	25.42	37.17	72.75	89.91	57.60
PUBLIC	40.81	40.15	40.89	47.69	74.58	62.83	27.22	10.09	42.40
PRIVATE									
SOUTH CAROLINA, TOTAL	77.81	97.15	99.69	94.69	.00	81.14	95.16	98.95	61.27
PUBLIC	22.19	2.85	.31	5.31	.00	18.86	4.84	1.05	38.73
PRIVATE									
GEORGIA, TOTAL	63.41	69.71	72.31	47.54	.00	90.19	41.54	93.80	53.73
PUBLIC	36.59	30.31	27.67	52.46	.00	9.81	58.46	6.20	46.27
PRIVATE									
FLORIDA, TOTAL	51.68	64.41	55.71	74.89	88.27	21.62	68.38	99.74	60.28
PUBLIC	38.32	37.57	44.29	25.11	11.73	78.38	31.62	4.26	39.72
PRIVATE									
EAST SOUTH CENTRAL, TOTAL	67.93	74.01	76.19	68.26	100.00	71.73	69.33	96.75	57.26
PUBLIC	32.07	25.99	23.81	31.74	.00	28.27	30.70	3.25	42.74
PRIVATE									
KENTUCKY, TOTAL	86.53	97.15	99.69	94.82	.04	53.56	93.00	99.86	79.20
PUBLIC	13.47	2.84	.31	5.18	.00	46.44	7.00	.14	20.80
PRIVATE									
TENNESSEE, TOTAL	61.20	51.34	45.07	61.05	100.00	55.74	36.37	90.09	31.10
PUBLIC	38.71	48.66	55.03	38.91	.00	44.26	63.63	9.91	68.90
PRIVATE									
ALABAMA, TOTAL	83.05	98.76	97.26	93.12	.00	95.65	91.73	98.76	72.40
PUBLIC	17.00	1.25	2.74	6.88	.00	3.35	8.27	1.24	29.60
PRIVATE									
MISSISSIPPI, TOTAL	89.91	98.43	98.83	98.36	.04	71.73	98.39	100.00	75.65
PUBLIC	14.09	1.57	1.17	1.64	.00	28.27	1.61	.00	24.35
PRIVATE									

MARYLAND, TOTAL									
PUBLIC	41.45	37.60	39.54	27.09	57.67	51.97	53.70	62.49	56.57
PRIVATE	58.54	62.71	64.65	72.91	39.33	48.03	46.30	14.51	43.43
DIST. OF COLUMBIA, TOTAL									
PUBLIC	3.66	4.48	.87	2.66	.04	20.59	24.14	41.50	3.38
PRIVATE	96.34	95.52	99.13	97.34	.00	79.41	75.86	58.54	96.62
VIRGINIA, TOTAL									
PUBLIC	89.05	97.15	98.13	98.21	85.71	41.76	53.25	96.86	78.78
PRIVATE	10.95	2.84	1.87	1.79	14.29	58.24	46.75	3.14	24.22
WEST VIRGINIA, TOTAL									
PUBLIC	98.64	95.69	99.75	99.69	100.00	8.29	97.79	98.19	74.81
PRIVATE	10.36	4.31	.25	.31	.00	91.71	2.21	1.81	25.19
NORTH CAROLINA, TOTAL									
PUBLIC	59.19	59.84	55.11	53.37	25.42	37.17	72.78	55.91	57.60
PRIVATE	40.81	42.15	44.89	47.62	74.58	62.83	27.22	10.09	42.40
SOUTH CAROLINA, TOTAL									
PUBLIC	77.81	97.15	99.69	94.49	.00	81.14	95.16	98.95	81.27
PRIVATE	22.19	2.85	.31	5.51	.00	18.86	4.84	1.05	18.73
GEORGIA, TOTAL									
PUBLIC	63.41	69.73	72.31	47.54	.00	99.19	46.54	93.80	59.73
PRIVATE	36.59	30.31	27.67	52.46	.00	9.81	53.46	6.20	46.27
FLORIDA, TOTAL									
PUBLIC	61.68	62.43	55.71	74.89	86.27	21.62	58.38	99.74	60.28
PRIVATE	38.32	37.57	44.29	25.11	13.73	78.38	31.62	4.26	39.72
EAST SOUTH CENTRAL, TOTAL									
PUBLIC	67.93	74.01	76.19	68.70	100.00	71.73	69.30	96.75	57.26
PRIVATE	32.07	26.99	23.81	31.74	.00	28.27	30.70	3.25	42.74
KENTUCKY, TOTAL									
PUBLIC	86.53	97.16	99.69	94.82	.04	53.56	93.00	99.86	78.20
PRIVATE	13.47	2.84	.31	5.18	.00	46.44	7.00	.14	24.80
TENNESSEE, TOTAL									
PUBLIC	41.29	51.34	45.05	41.09	100.00	55.74	46.37	90.09	31.10
PRIVATE	58.71	48.66	55.00	58.91	.00	44.26	53.63	9.91	68.90
ALABAMA, TOTAL									
PUBLIC	83.00	96.76	97.20	93.12	.00	96.65	91.73	98.76	79.40
PRIVATE	17.00	3.24	2.76	6.88	.00	3.35	8.27	1.24	20.60
MISSISSIPPI, TOTAL									
PUBLIC	89.91	98.40	98.39	98.36	.00	70.73	98.39	100.00	75.65
PRIVATE	14.09	1.60	1.61	1.64	.00	29.27	1.61	.00	24.35
WEST SOUTH CENTRAL, TOTAL									
PUBLIC	77.79	77.50	73.22	72.56	99.93	94.64	86.54	95.42	78.19
PRIVATE	22.21	22.50	26.78	27.44	.07	5.36	13.46	4.58	21.81
ARKANSAS, TOTAL									
PUBLIC	99.33	99.23	98.61	99.41	.00	100.00	97.06	100.00	81.49
PRIVATE	10.67	.77	1.39	.59	.00	.00	2.94	.00	18.51
LOUISIANA, TOTAL									
PUBLIC	72.08	61.43	49.21	41.78	100.00	87.30	27.34	94.74	81.23
PRIVATE	27.92	38.57	50.79	58.22	.00	12.70	72.66	5.26	18.77
OKLAHOMA, TOTAL									
PUBLIC	92.54	97.98	98.06	95.47	100.00	88.24	97.79	100.00	84.96
PRIVATE	7.46	2.02	1.94	4.53	.00	11.76	2.21	.00	15.04
TEXAS, TOTAL									
PUBLIC	75.57	76.49	73.54	74.96	99.79	96.23	71.34	91.95	73.92
PRIVATE	24.43	23.51	26.46	25.04	.21	3.77	28.66	8.05	26.08

TABLE D-10
CONTINUED

PERCENT DISTRIBUTION OF FEDERAL POLLUTANTS TO ACTIVITIES AND COLLECTORS, BY
GEOGRAPHIC DIVISION, STATE, TYPE OF CONTROL, AND TYPE OF ACTIVITY FY 1971

GEOGRAPHIC DIVISION, STATE, AND TYPE OF CONTROL	TOTAL, ALL ACTIVITIES	TOTAL ACTIVITIES DIRECTLY	RESEARCH AND DEVELOPMENT	TRAINING	FACILITY FOR TREATMENT OF MUNICIPAL WASTES	FOR TREATMENT OF INDUSTRIAL WASTES	SUPPORT FOR MUNICIPALITIES	OTHER	NOT ALLOCABLE
NEW ENGLAND TOTAL									
PUBLIC	93.87	92.84	92.55	91.06	90.71	92.11	92.57	90.41	93.78
PRIVATE	6.13	6.16	6.15	8.94	9.29	7.89	7.43	9.59	6.20
MID-ATLANTIC TOTAL									
PUBLIC	98.51	95.91	97.01	89.57	97.01	97.72	97.27	97.24	99.05
PRIVATE	5.49	4.09	2.99	8.43	2.99	2.28	2.73	2.76	11.29
EAST C. TOTAL									
PUBLIC	93.55	87.51	78.82	88.69	2.72	99.27	92.83	97.24	99.38
PRIVATE	6.07	2.49	1.58	11.31	2.72	1.73	78.27	2.76	11.98
WEST C. TOTAL									
PUBLIC	99.94	99.87	99.69	97.04	2.72	99.28	97.03	97.24	99.19
PRIVATE	2.25	2.13	2.01	2.96	2.72	2.72	2.97	2.76	2.81
SOUTHWEST TOTAL									
PUBLIC	93.55	89.53	87.51	88.43	97.24	97.24	96.75	96.24	99.12
PRIVATE	6.05	10.47	12.49	11.57	2.72	2.72	13.27	3.71	5.88
NEW MEXICO TOTAL									
PUBLIC	94.44	94.43	93.53	89.11	2.72	97.24	97.55	97.24	97.93
PRIVATE	5.56	5.57	6.47	8.89	2.72	2.72	2.27	2.76	12.08
MOUNTAIN TOTAL									
PUBLIC	99.28	99.28	98.91	99.11	97.24	99.27	99.73	97.24	99.93
PRIVATE	6.72	6.72	5.09	8.89	2.72	2.73	2.27	2.76	8.07
UTAH TOTAL									
PUBLIC	98.27	98.27	97.35	97.11	97.24	97.24	98.55	97.24	97.29
PRIVATE	6.83	6.83	8.65	8.89	2.72	2.72	6.44	2.76	8.81
NEVADA TOTAL									
PUBLIC	99.94	99.94	99.91	97.04	97.24	99.27	97.03	97.24	99.78
PRIVATE	.05	.05	.09	2.96	2.72	2.72	2.97	2.76	.07
PACIFIC TOTAL									
PUBLIC	76.83	74.87	74.85	74.51	84.84	81.93	73.07	75.51	76.00
PRIVATE	24.02	25.13	25.15	25.49	15.16	18.07	26.93	24.49	23.99
WASHINGTON-OREGON TOTAL									
PUBLIC	94.83	93.83	94.85	89.91	97.24	97.24	97.61	93.76	89.79
PRIVATE	5.17	6.17	5.15	8.09	2.72	2.72	2.39	6.24	10.07
PACIFIC TOTAL									
PUBLIC	94.33	93.61	93.43	89.48	97.24	97.24	96.85	97.15	89.10
PRIVATE	5.33	6.39	6.57	8.52	2.72	2.72	2.95	2.85	10.90
CALIFORNIA TOTAL									
PUBLIC	68.22	67.01	66.86	65.78	84.84	72.93	73.08	68.19	77.17
PRIVATE	31.78	32.99	33.14	34.22	15.16	27.07	26.92	31.81	22.83
ALASKA TOTAL									
PUBLIC	99.33	99.33	97.33	88.44	2.72	97.24	98.12	97.27	89.07
PRIVATE	6.67	6.67	2.67	11.56	2.72	2.72	1.88	2.73	10.93
HAWAII TOTAL									
PUBLIC	94.33	94.33	93.33	97.11	97.24	97.24	98.12	97.24	97.32
PRIVATE	5.67	5.67	6.67	2.89	2.72	2.72	1.88	2.76	2.68
PUERTO RICO AND VIRGIN ISLANDS TOTAL									
PUBLIC	99.67	99.67	99.33	97.04	97.24	97.24	97.03	97.24	97.32
PRIVATE	10.33	6.33	6.67	2.96	2.72	2.72	2.97	2.76	2.68
GUAM TOTAL									
PUBLIC	100.00	100.00	.00	.00	.00	97.24	.00	.00	100.00
AMERICAN SAMOA TOTAL									
PUBLIC	99.94	99.94	99.91	97.04	97.24	99.27	97.03	97.24	99.93
PRIVATE	10.05	6.05	6.09	2.96	2.72	2.72	2.97	2.76	2.07
TRUST TERRITORY OF THE PACIFIC TOTAL									
PUBLIC	100.00	100.00	100.00	100.00	97.24	97.24	100.00	97.24	100.00

SOURCE: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

TABLE B-20

TOTAL FEDERAL OBLIGATIONS TO THE 100 PUBLIC UNIVERSITIES AND
COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL	USDA	HEW	DOD	DOI	TVA	NSF	NASA	AEC	EPA	OTHER
	TOTAL ALL INSTITUTIONS	2,137,588	208,819	38,780	7,339	170,159	27,187	71,295	1,221,787	19,932	69,999	292,671	8,484	19,218
	TOTAL 100 INSTITUTIONS	1,873,020	199,291	31,955	5,119	122,213	17,745	47,346	945,787	18,241	58,217	190,447	4,758	18,894
1	UNIV OF MINNESOTA	77,538	5,187	1,955	3	1,715	287	1,217	54,322	603	2,092	3,194	199	820
2	UNIV OF MICHIGAN	67,681	91	2,792	178	2,321	761	956	37,165	171	4,541	14,219	368	988
3	UNIV OF WISCONSIN MADISON	57,821	5,291	2,905	219	1,311	2,761	617	29,157	223	2,788	8,730	0	699
4	UNIV OF WASHINGTON	54,525	121	2,693	1,697	5,259	0	832	35,829	231	853	6,825	146	0
5	UNIV OF CAL LOS ANGELES	54,702	89	4,920	0	4,229	297	548	33,719	356	2,847	4,599	599	83
6	UNIV OF CAL BERKELEY	52,279	5,823	504	57	4,719	1,526	976	21,481	449	7,383	9,302	213	89
7	UNIV OF CAL SAN DIEGO	49,496	0	2,117	93	12,629	1,154	253	14,725	0	3,981	17,271	55	0
8	UNIV OF ILLINOIS-URBANA	48,266	4,719	4,581	3	14,159	166	661	17,587	296	759	3,401	55	573
9	OHIO STATE UNIV	47,180	7,099	914	130	3,195	0	139	24,725	207	321	3,427	70	708
10	UNIV OF PENNSYLVANIA	41,309	24	1,931	0	3,469	247	98	29,737	103	499	5,595	193	64
11	UNIV OF COLORADO	37,709	75	704	971	1,241	249	97	23,246	102	1,986	4,387	95	3
12	UNIV OF N C AT CHAP HILL	37,521	0	411	129	1,692	79	415	21,742	0	139	3,409	0	1,239
13	UNIV OF CAL SAN FRANCISCO	36,936	0	913	0	329	0	0	24,183	0	178	294	0	0
14	MICHIGAN STATE UNIV	36,810	5,921	1,825	0	298	316	253	17,319	166	69	3,409	211	903
15	UNIV OF UTAH	36,079	0	1,404	70	2,928	731	275	18,092	179	881	2,419	0	88
16	UNIV OF PITTSBURGH	34,920	0	443	0	1,169	0	273	27,836	175	791	2,159	146	0
17	UNIV OF IOWA	34,914	0	98	0	1,260	0	345	17,790	93	2,823	3,403	146	0
18	UNIV OF TEXAS AT AUSTIN	34,886	15	1,126	14	3,978	174	182	17,120	179	1,530	9,230	0	168
19	PENNSYLVANIA STATE UNIV	34,829	6,202	429	29	1,434	0	588	8,963	1,083	863	3,132	47	0
20	PURDUE UNIV	34,443	5,674	1,668	100	1,962	0	316	7,213	209	2,749	3,859	78	750
21	UNIV OF FLORIDA	33,387	4,489	384	0	996	0	613	14,280	170	982	1,918	0	150
22	UNIV OF MISSOURI COLUMBIA	32,348	5,881	41	0	913	0	140	17,551	180	192	1,340	10	84
23	TEXAS A & M UNIV	31,479	11,071	1,001	269	1,846	0	93	1,796	198	799	3,219	254	1
24	LA ST U AGR & MECH CT BARGEYPORT	31,479	0	0	0	0	0	0	31,479	0	0	0	0	0
25	U OF ALA IN BIRMINGHAM	29,510	0	0	0	761	0	0	28,603	0	0	146	0	0
26	RUTGERS UNIVERSITY	29,489	2,574	94	0	267	531	388	11,229	196	110	4,110	0	14
27	UNIV OF HAWAII	29,011	1,393	895	46	1,978	340	494	8,913	123	1,050	4,469	0	0
28	UNIV OF KENTUCKY	28,781	7,260	79	104	697	0	220	8,819	348	248	375	0	527
29	N C STATE UNIV AT RALEIGH	28,174	9,196	511	0	342	228	445	5,862	251	446	2,274	0	867
30	UNIV OF CAL DAVIS	28,161	929	2,338	0	269	498	254	11,929	11	290	2,573	0	0
31	UNIV OF ARIZONA	28,128	1,997	348	6	3,064	0	239	8,207	269	1,929	2,449	0	0
32	TEMPLE UNIV	27,647	0	96	0	86	0	30	26,916	0	27	660	40	200
33	IOWA ST U OF SCIENCE&TECH	27,389	9,375	29	0	983	0	170	9,997	298	49	844	0	38
34	UNIV OF KANSAS	27,138	0	405	0	192	0	69	14,048	138	885	1,602	0	0
35	UNIV OF MT COLLEGE PARK	26,877	2,660	2,375	17	1,977	125	95	3,504	170	2,170	4,229	15	0
36	UNIV OF GEORGIA	26,845	6,994	537	350	253	0	111	5,727	189	283	2,389	0	200
37	U TEX SW MED SCH DALLAS	26,298	0	34	0	45	0	0	26,139	0	80	0	0	0
38	SUNY ST U BUFFALO	25,325	0	187	0	0	0	33	17,143	48	198	1,697	0	19
39	COLORADO STATE UNIV	25,135	2,520	239	112	827	0	861	4,864	909	471	3,739	0	617
40	UNIV OF ABR	24,756	4,946	100	66	0	0	99	8,884	141	52	730	0	0
41	OREGON STATE UNIV	24,489	2,754	444	36	1,220	0	685	4,286	281	201	3,965	0	393
42	UNIV OF TENN AT KNOXVILLE	24,024	6,595	1,590	0	814	0	18	4,005	175	291	813	0	10
43	UNIV OF VIRGINIA	23,923	0	201	0	986	0	12	17,304	25	591	1,801	2	0
44	INDIANA UNIV-BLOOMINGTON	23,497	0	224	0	259	0	58	8,824	34	296	3,345	259	459
45	INDIANA UNIV-INDIANAPOLIS	23,434	0	0	0	0	0	0	17,288	0	0	146	0	0
46	UNIV OF OKLAHOMA	22,134	0	81	311	486	0	214	8,829	0	76	1,886	270	0
47	WEST VIRGINIA UNIV	21,913	3,555	0	24	18	0	676	6,237	443	90	881	139	85
48	WAYNE STATE UNIV	21,869	0	89	0	403	177	30	9,971	0	49	835	294	111
49	UNIV OF CONNECTICUT	21,585	1,351	118	0	694	0	93	7,863	146	245	1,048	0	0
50	UNIV OF NEW MEXICO	21,009	0	60	20	1,472	311	16	7,561	0	752	736	75	0
51	OKLAHOMA STATE UNIV	21,003	4,367	17	0	1,296	0	169	7,801	196	904	1,164	0	38
52	AUBURN UNIV	20,999	6,407	17	9	480	0	0	3,189	190	467	360	0	0
53	SUNY HT SINAI SCH OF MED	20,988	0	13	0	176	0	4	20,706	0	10	79	0	0
54	UNIV OF OREGON - EUGENE	20,946	0	347	0	249	545	0	7,000	0	445	2,180	0	85
55	UNIV OF MISSOURI KAN CITY	20,706	0	0	0	0	0	21	17,919	53	20	69	0	0
56	NEW MEXICO STATE UNIV	20,672	1,992	2	0	4,618	0	71	1,482	526	1,634	498	89	0
57	UNIV OF MD BALTIMORE	20,479	0	0	0	722	0	0	9,587	0	170	0	0	0
58	U TEX HOUSTON MED SCHOOL	20,204	0	0	0	0	0	0	20,204	0	0	0	0	0
59	U OF TENN MED UNITS MEMPH	19,781	0	94	0	288	0	0	9,755	0	0	44	0	0

19 PENNSYLVANIA STATE UNIV	24,629	8,232	439	28	1,434	0	588	8,963	1,083	663	3,132	97	0
20 PURDUE UNIV	24,443	5,474	1,666	100	1,963	0	306	7,213	209	2,745	3,939	78	750
21 UNIV OF FLORIDA	23,357	4,469	384	0	998	0	633	14,066	179	942	1,910	0	150
22 UNIV OF MISSOURI COLUMBIA	22,368	5,891	40	0	915	0	140	13,551	180	192	1,340	10	84
23 TEXAS A & M UNIV	20,479	11,073	1,081	269	1,846	0	90	1,796	168	759	3,215	204	1
24 LA ST U MED CT SHREVEPORT	20,475	0	0	0	0	0	0	20,475	0	0	0	0	0
25 U OF ALA IN BIRMINGHAM	19,516	0	0	0	766	0	0	18,603	0	0	153	0	0
26 RUTGERS UNIVERSITY	19,489	2,574	94	0	267	531	368	11,225	196	110	4,110	0	14
27 UNIV OF HAWAII	19,011	1,393	695	46	1,978	340	404	8,513	123	1,050	4,469	0	0
28 UNIV OF KENTUCKY	18,701	7,286	79	184	697	0	220	8,615	348	248	975	0	527
29 N C STATE UNIV AT RALEIGH	18,174	9,196	511	0	342	228	445	3,662	201	446	2,274	0	867
30 UNIV OF CAL DAVIS	18,161	929	2,338	0	269	498	204	11,529	11	290	2,073	0	0
31 UNIV OF ARIZONA	16,100	1,997	348	6	3,064	0	235	8,207	269	1,528	2,446	0	0
32 TEMPLE UNIV	17,647	0	98	0	86	0	20	16,516	0	27	660	40	200
33 IOWA ST U OF SCIENCE&TECH	17,369	5,375	29	0	583	0	100	9,997	298	45	904	0	38
34 UNIV OF KANSAS	17,138	0	400	0	192	0	69	14,046	138	685	1,600	0	0
35 UNIV OF MD COLLEGE PARK	16,877	2,680	2,375	17	1,577	125	85	3,504	170	2,120	4,229	15	0
36 UNIV OF GEORGIA	16,845	6,994	537	356	253	0	111	5,727	185	203	2,329	0	200
37 U TEX SW MED SCH DALLAS	16,298	0	34	0	45	0	0	16,139	0	80	0	0	0
38 SUNY ST U BUFFALO	15,305	0	187	0	0	0	33	11,143	68	198	1,657	0	19
39 COLORADO STATE UNIV	15,155	2,520	239	112	827	0	861	4,860	909	471	3,739	0	617
40 UNIV OF ABR	14,756	4,906	100	66	0	0	99	8,684	141	32	728	0	0
41 OREGON STATE UNIV	14,465	2,754	444	36	1,220	0	685	4,286	281	201	3,965	0	993
42 UNIV OF TENN AT KNOXVILLE	14,824	6,594	1,550	0	614	0	18	4,005	175	251	815	0	10
43 UNIV OF VIRGINIA	13,922	0	201	0	986	0	12	10,364	25	591	1,661	2	0
44 INDIANA UNIV-BLOOMINGTON	13,497	0	224	0	259	0	56	8,624	34	296	3,345	209	450
45 INDIANA UNIV-INDIANAPOLIS	12,434	0	0	0	0	0	0	12,286	0	0	148	0	0
46 UNIV OF OKLAHOMA	12,134	0	80	311	466	0	214	8,829	0	76	1,888	270	0
47 WEST VIRGINIA UNIV	11,913	3,555	0	24	18	0	636	6,232	443	90	681	129	85
48 WAYNE STATE UNIV	11,865	0	89	0	403	177	30	9,971	0	45	835	204	111
49 UNIV OF CONNECTICUT	11,585	1,351	118	0	694	0	83	7,863	146	285	1,048	0	0
50 UNIV OF NEW MEXICO	11,005	0	80	20	1,472	311	16	7,561	0	752	738	75	0
51 OKLAHOMA STATE UNIV	11,003	4,362	17	0	1,296	0	165	2,861	196	904	1,164	0	38
52 AUBURN UNIV	10,999	6,407	17	9	480	0	0	3,189	190	407	300	0	0
53 CUNY MT SINAI SCH OF MED	10,988	0	12	0	176	0	4	10,708	0	10	78	0	0
54 UNIV OF OREGON - EUGENE	10,846	0	347	0	249	540	0	7,000	0	445	2,180	0	85
55 UNIV OF MISSOURI KAN CITY	10,766	0	0	0	0	0	21	10,618	33	26	68	0	0
56 NEW MEXICO STATE UNIV	10,672	1,992	2	0	4,418	0	71	1,482	526	1,634	458	89	0
57 UNIV OF MD BALTIMORE	10,479	0	0	0	722	0	0	9,587	0	170	0	0	0
58 U TEX HOUSTON MED SCHOOL	10,204	0	0	0	0	0	0	10,204	0	0	0	0	0
59 U OF TENN MED UNITS MEMPH	10,181	0	94	0	288	0	0	9,755	0	0	44	0	0
60 LA ST UNIV BATON ROUGE	10,065	4,986	185	0	793	0	261	1,987	130	321	1,402	0	0
61 KANSAS STATE UNIV	9,855	3,526	211	0	133	0	77	4,631	198	21	937	0	121
62 UNIV OF MASS AMHERST	9,741	2,521	258	0	508	0	482	3,240	247	202	2,283	0	0
63 UNIV OF NEBRASKA-LINCOLN	9,699	3,244	50	20	77	0	41	5,489	183	15	580	0	0
64 FLORIDA STATE UNIV	9,629	0	1,055	34	838	0	58	3,777	0	100	2,462	183	1,122
65 MISSISSIPPI STATE UNIV	9,438	6,760	0	0	164	0	190	1,793	100	160	271	0	0
66 VIRGINIA POLYTECHNIC INST	9,320	5,744	88	0	322	0	10	1,578	418	441	719	0	0
67 UNIV OF ALASKA	9,146	1,033	172	425	2,340	0	157	1,589	197	582	2,651	0	0
68 UNIV OF CAL IRVINE	9,095	0	640	15	3,331	0	0	4,017	0	0	1,092	0	0
69 WASHINGTON STATE UNIV	8,969	3,174	287	0	174	236	248	2,613	343	0	1,694	0	200
70 UNIV OF ILLINOIS-MED CTR	8,710	0	0	0	12	0	0	8,544	0	0	154	0	0

TABLE B-20
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO THE 100 PUBLIC UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
71	UNIV OF MISSISSIPPI	8,297	0	16	72	253	0	0	7,267	0	15	674	0	0
72	UNIV OF P R RIO PIEDRAS	8,218	5,218	0	0	0	0	0	2,845	0	0	155	0	0
73	SUNY ST U ALBANY	8,188	83	37	0	908	365	42	2,791	0	0	1,861	0	2,101
74	VA COMMONWEALTH UNIV	8,175	0	54	0	242	0	8	7,596	0	190	85	0	0
75	UNIV OF VERMONT	8,159	1,341	37	0	209	0	0	6,101	102	0	263	106	0
76	U OREGON MEDICAL SCHOOL	8,141	0	109	0	20	0	0	8,012	0	0	0	0	0
77	UTAH STATE UNIV	8,134	1,603	81	6	1,020	0	107	1,673	914	61	2,117	25	527
78	UNIV OF P R SAN JUAN	7,435	0	0	0	0	0	0	7,435	0	0	0	0	0
79	GEORGIA INST OF TECH	7,304	0	405	105	3,105	0	453	1,084	274	530	755	593	0
80	CLEMSON UNIV	6,673	5,145	40	0	171	0	283	338	163	95	438	0	0
81	U TEX MED BRNCH GALVESTON	6,542	0	0	0	0	0	0	6,414	0	128	0	0	0
82	UNIV OF CAL SANTA BARBARA	6,343	0	97	33	1,006	0	30	2,886	0	59	2,232	0	0
83	UNIV OF LOUISVILLE	6,199	0	0	0	213	0	16	5,683	0	30	257	0	0
84	SUNY DOWNSTATE MED CTR	6,194	0	0	0	57	0	0	6,117	0	0	20	0	0
85	MED UNIV OF S CAROLINA	5,849	0	0	0	174	0	238	5,410	0	0	27	0	0
86	U OF NEB MED CTR AT OMAHA	5,697	0	0	0	0	0	23	5,674	0	0	0	0	0
87	UNIV OF N H DURHAM	5,201	1,329	10	258	44	0	47	1,863	100	1,041	509	0	0
88	UNIV OF HOUSTON	5,191	0	134	0	199	230	0	2,956	0	1,138	517	17	0
89	SUNY ST U STONY BROOK	5,172	0	823	0	222	0	0	1,445	0	594	2,088	0	0
90	UNIV OF WYOMING	5,163	1,233	60	21	77	0	122	1,303	619	75	1,653	0	0
91	N J COL OF MED&DENTISTRY	4,953	0	0	0	0	0	0	4,926	0	0	27	0	0
92	UNIV OF RHODE ISLAND	4,929	1,013	5	20	1,228	0	42	1,518	171	64	868	0	0
93	UNIV OF CAL RIVERSIDE	4,847	471	318	0	78	15	604	2,550	0	139	672	0	0
94	UNIV OF NEV RENO CAMPUS	4,815	992	179	0	311	0	0	2,399	702	0	232	0	0
95	MONTANA STATE UNIV	4,789	1,925	49	3	156	0	191	1,515	363	0	587	0	0
96	ARIZONA STATE UNIV	4,589	0	89	0	246	0	0	3,438	0	76	738	0	2
97	SAN DIEGO STATE COL	4,534	0	35	0	872	261	0	2,397	0	0	969	0	0
98	NORTH DAKOTA STATE UNIV	4,428	2,350	1	0	144	0	0	1,477	243	14	199	0	0
99	UNIV OF DELAWARE	4,386	1,063	19	0	577	0	17	1,139	255	51	1,266	0	0
100	LA ST U MED CT N ORLEANS	4,227	0	0	0	207	0	0	3,987	0	0	33	0	0

*INCLUDES AID, HUD, LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-21

TOTAL FEDERAL ORLIGATIONS TO THE 100 PRIVATE UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL ORLIGATIONS)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
	TOTAL ALL INSTITUTIONS	1,374,562	7,778	49,447	2,334	111,619	16,681	7,105	941,704	3,085	68,499	155,316	4,360	6,634
	TOTAL 100 INSTITUTIONS	1,184,283	7,764	48,996	1,991	109,961	15,258	6,447	775,658	2,944	66,891	137,932	4,360	6,081
1	MASS INST OF TECH	89,574	30	7,784	194	26,979	0	382	12,572	807	28,018	11,291	1,271	246
2	STANFORD UNIV	54,648	0	623	21	9,803	0	413	27,133	66	4,674	10,843	120	952
3	HARVARD UNIV	54,037	0	1,918	102	3,318	868	516	35,760	36	5,065	5,645	100	709
4	COLUMBIA UNIV	52,219	0	4,896	426	3,952	700	74	31,354	98	2,402	7,929	0	386
5	HOWARD UNIV	51,543	7	89	180	0	5,095	33	45,863	0	170	94	0	12
6	JOHNS HOPKINS UNIV	45,548	0	1,030	50	2,243	0	168	36,307	63	2,254	2,866	445	122
7	CORNELL UNIV	41,367	7,362	1,579	2	3,306	0	225	17,272	297	907	9,844	0	573
8	NEW YORK UNIV	40,496	15	1,779	41	2,239	0	565	32,371	35	787	2,429	58	177
9	YALE UNIV	38,400	16	2,974	0	1,387	0	14	26,620	71	530	6,594	0	194
10	UNIV OF CHICAGO	37,819	0	4,772	324	1,658	0	89	21,037	0	3,523	6,323	0	93
11	UNIV OF SOUTHERN CAL	30,733	87	391	0	2,828	2,294	480	21,196	11	884	2,157	225	180
12	DUKE UNIV	29,157	0	842	15	4,374	140	9	20,603	20	167	2,471	16	500
13	WASHINGTON UNIV	28,480	0	279	0	1,539	0	0	23,616	0	876	1,868	0	302
14	UNIV OF ROCHESTER	25,497	0	4,635	0	1,573	0	37	15,067	0	192	3,983	0	10
15	YESHIVA UNIV	24,926	0	103	0	378	0	0	23,583	0	0	862	0	0
16	CASE WESTERN RESERVE UNIV	22,979	0	1,188	0	1,065	0	116	17,730	163	581	2,097	0	39
17	UNIV OF MIAMI	22,848	0	320	127	2,500	262	57	14,911	0	435	3,536	698	0
18	NORTHWESTERN UNIV	22,245	4	184	0	1,662	250	321	15,411	20	1,436	2,782	175	0
19	CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
20	ST LOUIS UNIV	18,044	0	0	0	92	0	0	17,511	0	0	431	0	10
21	MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
22	BAYLOR COL OF MEDICINE	16,811	0	9	0	159	0	0	16,284	0	286	73	0	0
23	VANDERBILT UNIV	16,347	0	130	0	336	0	390	14,274	0	70	1,147	0	0
24	PRINCETON UNIV	16,145	0	2,564	64	1,968	0	48	4,469	0	3,424	3,494	107	7
25	BOSTON UNIV	15,445	0	26	0	277	0	0	14,259	0	196	599	88	0
26	TULANE UNIV	15,048	0	69	0	135	344	25	12,704	0	126	1,645	0	0
27	NEW YORK MEDICAL COL	14,025	0	0	0	182	0	0	13,698	0	0	145	0	0
28	WOODS HOLE OCEAN INST	13,493	0	632	75	6,878	0	84	83	70	44	5,604	23	0
29	GEORGETOWN UNIV	13,476	0	39	0	408	0	35	12,322	0	66	587	19	0
30	TUFTS UNIV	12,985	0	355	0	247	1,774	76	9,941	0	50	492	0	50
31	GEORGE WASHINGTON UNIV	12,698	0	20	30	1,585	553	136	8,811	35	977	406	0	145
32	DARTMOUTH COL	12,485	0	31	0	426	0	22	10,220	33	147	1,606	0	0
33	EMORY UNIV	11,717	0	52	0	82	0	0	10,518	0	147	918	0	0
34	UNIV OF CINCINNATI	11,375	0	156	0	700	0	399	9,533	0	80	517	0	0
35	CARNEGIE MELLON UNIV	10,436	0	1,631	31	2,402	0	33	1,822	221	166	3,946	168	16
36	GALLAUDET COL	9,504	0	0	0	0	0	0	9,493	0	0	11	0	0
37	CREIGHTON UNIV	9,199	0	0	0	0	0	0	9,184	0	0	15	0	0
38	BROWN UNIV	9,071	0	519	0	1,275	0	0	4,639	132	181	2,314	0	11
39	ROCKEFELLER UNIV	8,469	0	259	0	38	0	0	7,176	0	0	996	0	0
40	THOS JEFFERSON UNIV MCSP	8,293	0	59	0	754	0	0	7,399	0	0	81	0	0
41	SYRACUSE UNIV	7,896	30	175	0	907	0	186	4,517	133	79	1,695	159	9
42	UNIV OF NOTRE DAME	6,691	0	1,532	0	260	0	125	1,815	0	30	2,777	0	152
43	RICE UNIV	6,076	0	761	5	734	0	76	1,615	0	1,336	1,418	0	131
44	LOYOLA UNIV	5,845	0	43	0	41	0	0	5,540	0	0	210	0	11
45	BOSTON COL	5,677	0	61	0	1,105	373	0	3,586	0	38	506	0	8
46	BRANDEIS UNIV	5,603	0	328	0	89	0	0	3,693	0	25	1,127	0	341
47	HAHNEMANN MED COL & HOSP	5,470	0	0	0	247	0	0	5,072	0	0	151	0	0
48	UNIV OF DENVER	5,387	98	0	0	1,976	0	0	1,770	150	264	1,129	0	0
49	ILLINOIS INST OF TECH	5,366	0	146	0	712	0	30	3,084	0	112	1,282	0	0
50	RENSSELAER POLYTECH INST	5,198	0	1,107	35	931	0	72	1,077	60	631	1,234	51	0
51	WAKE FOREST UNIV	5,169	0	23	0	250	0	22	4,582	0	24	167	0	101
52	NORTHEASTERN UNIV	5,025	0	65	0	823	173	54	2,736	0	113	936	0	125
53	UNIV OF DAYTON	4,897	0	0	0	3,974	0	0	688	0	45	190	0	0
54	TUSKEGEE INST	4,851	108	38	0	0	646	72	3,850	0	83	54	0	0
55	PA COL OF PODIATRIC MED	4,849	0	0	0	0	0	0	4,849	0	0	0	0	0
56	ALBANY MEDICAL COL	4,840	0	0	0	0	0	0	4,830	0	0	10	0	0
57	CATHOLIC UNIV OF AMERICA	4,634	0	91	10	806	772	13	2,201	0	65	688	28	0
58	TEACHERS COL	4,183	0	0	0	0	0	0	3,655	0	0	528	0	0
59	LOMA LINDA UNIV	3,896	0	0	0	0	0	0	3,877	0	0	19	0	0
60	POLYTECHNIC INST OF BKLYN	3,823	0	40	0	1,695	0	0	766	0	80	1,094	148	0

14 UNIV OF ROCHESTER	25,497	0	4,635	0	1,573	0	37	15,067	0	192	3,983	0	10
15 YESHIVA UNIV	24,926	0	103	0	378	0	0	23,583	0	0	862	0	0
16 CASE WESTERN RESERVE UNIV	22,979	0	1,188	0	1,065	0	116	17,730	163	581	2,097	0	39
17 UNIV OF MIAMI	22,848	0	320	127	2,500	262	57	14,911	0	435	3,530	698	0
18 NORTHWESTERN UNIV	22,245	4	184	0	1,662	250	321	15,411	20	1,436	2,782	175	0
19 CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
20 ST LOUIS UNIV	18,044	0	0	0	92	0	0	17,511	0	0	431	0	10
21 MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
22 BAYLOR COL OF MEDICINE	16,811	0	9	0	159	0	0	16,284	0	286	73	0	0
23 VANDERBILT UNIV	16,347	0	130	0	336	0	390	14,274	0	70	1,147	0	0
24 PRINCETON UNIV	16,145	0	2,564	64	1,968	0	48	4,469	0	3,424	3,494	107	7
25 BOSTON UNIV	15,445	0	26	0	277	0	0	14,259	0	196	599	88	0
26 TULANE UNIV	15,048	0	69	0	135	344	25	12,704	0	126	1,645	0	0
27 NEW YORK MEDICAL COL	14,025	0	0	0	182	0	0	13,698	0	0	145	0	0
28 WOODS HOLE OCEAN INST	13,493	0	632	75	6,878	0	84	83	70	44	5,604	23	0
29 GEORGETOWN UNIV	13,476	0	39	0	408	0	35	12,322	0	66	587	19	0
30 TUFTS UNIV	12,985	0	355	0	247	1,774	76	9,941	0	50	492	0	50
31 GEORGE WASHINGTON UNIV	12,698	0	20	30	1,585	553	136	8,811	35	977	406	0	145
32 DARTMOUTH COL	12,485	0	31	0	426	0	22	10,220	33	147	1,606	0	0
33 EMORY UNIV	11,717	0	52	0	82	0	0	10,518	0	147	918	0	0
34 UNIV OF CINCINNATI	11,375	0	156	0	700	0	399	9,533	0	80	517	0	0
35 CARNEGIE MELLON UNIV	10,436	0	1,631	31	2,402	0	33	1,822	221	166	3,946	168	16
36 GALLAUDET COL	9,504	0	0	0	0	0	0	9,493	0	0	11	0	0
37 CREIGHTON UNIV	9,199	0	0	0	0	0	0	9,184	0	0	15	0	0
38 BROWN UNIV	9,071	0	519	0	1,275	0	0	4,639	132	181	2,314	0	11
39 ROCKEFELLER UNIV	8,469	0	259	0	38	0	0	7,176	0	0	996	0	0
40 THOS JEFFERSON UNIV HOSP	8,293	0	59	0	754	0	0	7,399	0	0	81	0	0
41 SYRACUSE UNIV	7,890	30	175	0	907	0	186	4,517	133	79	1,695	159	9
42 UNIV OF NOTRE DAME	6,691	0	1,532	0	260	0	125	1,815	0	30	2,777	0	152
43 RICE UNIV	6,076	0	701	5	734	0	76	1,615	0	1,336	1,418	0	131
44 LOYOLA UNIV	5,845	0	43	0	41	0	0	5,540	0	0	210	0	11
45 BOSTON COL	5,677	0	61	0	1,105	373	0	3,586	0	38	506	0	8
46 BRANDEIS UNIV	5,603	0	328	0	89	0	0	3,693	0	25	1,127	0	341
47 HAHNEMANN MED COL & HOSP	5,470	0	0	0	247	0	0	5,072	0	0	151	0	0
48 UNIV OF DENVER	5,387	98	0	0	1,976	0	0	1,770	150	264	1,129	0	0
49 ILLINOIS INST OF TECH	5,366	0	146	0	712	0	30	3,084	0	112	1,282	0	0
50 RENSSELAER POLYTECH INST	5,198	0	1,107	35	931	0	72	1,077	60	631	1,234	51	0
51 WAKE FOREST UNIV	5,169	0	23	0	250	0	22	4,582	0	24	167	0	101
52 NORTHEASTERN UNIV	5,025	0	65	0	823	173	54	2,736	0	113	936	0	125
53 UNIV OF DAYTON	4,897	0	0	0	3,974	0	0	688	0	45	190	0	0
54 TUSKEGEE INST	4,851	108	38	0	0	646	72	3,850	0	83	54	0	0
55 PA COL OF PODIATRIC MED	4,849	0	0	0	0	0	0	4,849	0	0	0	0	0
56 ALBANY MEDICAL COL	4,840	0	0	0	0	0	0	4,830	0	0	10	0	0
57 CATHOLIC UNIV OF AMERICA	4,634	0	91	10	806	772	13	2,201	0	65	688	28	0
58 TEACHERS COL	4,183	0	0	0	0	0	0	3,655	0	0	528	0	0
59 LOMA LINDA UNIV	3,896	0	0	0	0	0	0	3,877	0	0	19	0	0
60 POLYTECHNIC INST OF BKLYN	3,823	0	40	0	1,695	0	0	766	0	80	1,094	148	0
61 MEDICAL COLLEGE OF WISC	3,369	0	0	27	43	0	35	3,124	0	0	70	0	70
62 MARQUETTE UNIV	3,291	0	36	0	82	0	37	2,771	0	22	303	0	0
63 LEHIGH UNIV	3,201	0	59	191	517	0	104	369	72	313	1,471	115	0
64 MEDICAL COLLEGE OF PA	2,995	0	0	0	0	0	0	2,902	0	0	93	0	0
65 AMERICAN UNIVERSITY	2,848	0	16	0	1,365	0	0	868	0	67	334	196	0
66 DREXEL UNIVERSITY	2,550	0	44	0	346	0	564	1,154	0	116	326	0	0
67 UNIV OF THE PACIFIC	2,548	0	0	0	26	250	0	2,171	0	0	101	0	0
68 LOS ANGELES COL OF OPTOM	2,523	0	0	0	0	0	0	2,523	0	0	0	0	0
69 GEORGE PEABODY COL TCHRS	2,475	0	0	0	0	0	0	2,304	0	0	171	0	0
70 BAYLOR UNIV	2,314	0	33	0	308	0	0	1,827	0	0	146	0	0

TABLE B-21
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO THE 100 PRIVATE UNIVERSITIES AND COLLEGES RECEIVING THE LARGEST AMOUNTS, BY AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

RANK	INSTITUTION (RANKED BY TOTAL FEDERAL OBLIGATIONS)	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
71	ATLANTA UNIV	2,170	0	0	0	0	131	0	1,723	0	0	128	150	38
72	BISHOP COL	2,068	0	0	0	0	0	0	1,971	0	53	64	0	0
73	FORDHAM UNIV	1,958	0	0	0	0	0	0	1,637	0	157	164	0	0
74	SOUTHERN METHODIST UNIV	1,863	0	0	0	179	0	26	489	0	29	1,055	0	85
75	WILBERFORCE UNIV	1,858	0	0	0	0	0	0	1,858	0	0	0	0	0
76	INTER AMER UNIV OF P R	1,792	0	0	0	0	0	0	1,746	0	0	46	0	0
77	SETON HALL UNIV	1,769	0	0	0	12	0	0	1,676	0	0	81	0	0
78	UNIV OF DETROIT	1,721	0	3	0	42	0	0	1,508	0	0	168	0	0
79	ANTIOCH COL	1,695	0	0	0	0	0	0	1,584	0	0	111	0	0
80	CLARK UNIV	1,649	0	26	0	0	0	0	1,226	46	7	324	0	0
81	FISK UNIV	1,616	0	0	3	0	0	0	1,509	0	0	104	0	0
82	ADELPHI UNIV	1,591	0	0	0	0	0	51	1,349	0	0	191	0	0
83	XAVIER U OF LOUISIANA	1,574	0	0	0	0	0	0	1,558	0	0	16	0	0
84	CHICAGO MEDICAL SCHOOL	1,557	0	0	0	15	0	0	1,542	0	0	0	0	0
85	CENTRAL YMCA COMM COL	1,536	0	0	0	0	0	0	1,536	0	0	0	0	0
86	CLARK COL	1,438	0	0	0	0	0	0	1,397	0	0	41	0	0
87	HARVCREST COL	1,399	0	0	0	0	0	0	1,370	0	0	29	0	0
88	HINKSVILLE COL OF OSTEOP	1,384	0	0	0	0	0	0	1,384	0	0	0	0	0
89	MARY HOLMES COLLEGE	1,379	0	0	0	0	633	0	746	0	0	0	0	0
90	MILES COL	1,313	0	0	0	0	0	0	1,312	0	0	1	0	0
91	BRIGHAM YOUNG UNIV	1,298	7	41	31	130	0	28	633	0	20	408	0	0
92	ST PETERS COL	1,289	0	0	0	569	0	0	690	0	0	30	0	0
93	WENTWORTH INST	1,279	0	0	0	987	0	0	86	0	0	206	0	0
94	ST AUGUSTINES COL	1,278	0	0	0	0	0	0	1,252	0	0	26	0	0
95	LINCOLN UNIV	1,261	0	21	0	0	0	0	1,195	0	0	45	0	0
96	WESLEYAN UNIV	1,251	0	0	15	99	0	0	490	0	126	401	0	0
97	KITTRELL COL	1,249	0	0	0	0	0	0	1,239	0	0	10	0	0
98	LONG ISLAND UNIVERSITY	1,233	0	11	0	0	0	0	917	0	16	13	0	276
99	KANSAS CITY COL OF OSTEOP	1,200	0	0	0	0	0	0	1,200	0	0	0	0	0
100	HAMPTON INST	1,196	0	0	0	0	0	0	1,096	0	0	100	0	0

*INCLUDES AID, HUD, LABOR
SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-22

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEC	EPA	HEW	INT	NASA	NSF	DOT	OTHER•
UNITED STATES, TOTAL	3,480,150	214,597	105,836	9,473	941,773	37,521	27,160	2,261,406	22,917	134,054	387,737	10,824	24,952
ALABAMA, TOTAL	53,802	6,549	105	14	2,454	446	142	40,873	353	1,641	1,025	0	0
ALA AGR AND MECH COL	1,437	34	25	0	0	0	0	1,221	0	93	64	0	0
ALA CHRISTIAN COL	45	0	0	0	0	0	0	45	0	0	0	0	0
ALABAMA STATE UNIVERSITY	641	0	0	0	0	0	0	641	0	0	0	0	0
ALBERT P BREWER ST JR COL	751	0	0	0	0	0	0	751	0	0	0	0	0
ALEXANDER CITY ST JR COL	61	0	0	0	0	0	0	61	0	0	0	0	0
ATHENS COL	38	0	0	0	0	0	0	34	0	0	0	0	0
AUBURN UNIV	10,999	6,407	17	9	480	0	0	3,189	190	407	300	0	0
BIRMINGHAM-SOUTHERN COL	79	0	0	0	0	0	0	77	0	0	2	0	0
CALHOUN ST TECH JR COL	123	0	0	0	0	0	0	123	0	0	0	0	0
CLLLMAN COLLEGE	16	0	0	0	0	0	0	16	0	0	0	0	0
DANIEL PAYNE COL	163	0	0	0	0	0	0	163	0	0	0	0	0
ENTERPRISE JR COL	56	0	0	0	0	0	0	56	0	0	0	0	0
FAULKNER STATE JUNIOR COL	63	0	0	0	0	0	0	63	0	0	0	0	0
FLORENCE STATE UNIVERSITY	419	0	0	0	0	0	0	417	0	0	2	0	0
G C WALLACE ST TEC JR COL	26	0	0	0	0	0	0	24	0	0	2	0	0
GADSDEN STATE JR COLLEGE	328	0	0	0	0	0	0	328	0	0	0	0	0
HUNTINGTON COL	343	0	0	0	0	0	0	333	0	0	10	0	0
JACKSONVILLE ST UNIV	416	0	0	0	0	0	0	414	0	0	2	0	0
JEFFERSON DAVIS COL	35	0	0	0	0	0	0	35	0	0	0	0	0
JEFFERSON ST JR COL	822	0	0	0	0	0	0	822	0	0	0	0	0
JUDSON COL	22	0	0	0	0	0	0	22	0	0	0	0	0
LAWSON STATE JUNIOR COL	276	0	0	0	0	0	0	276	0	0	0	0	0
LIVINGSTON UNIVERSITY	448	0	0	0	0	0	0	438	0	0	10	0	0
LURLEEN B WALLACE ST JR C	550	0	0	0	0	0	0	550	0	0	0	0	0
MARION INST	8	0	0	0	0	0	0	8	0	0	0	0	0
MILES COL	1,313	0	0	0	0	0	0	1,312	0	0	1	0	0
MOBILE COL	48	0	0	0	0	0	0	48	0	0	0	0	0
MOBILE ST JR COL	261	0	0	0	0	0	0	261	0	0	0	0	0
NE ALABAMA STATE JR COLL	108	0	0	0	0	0	0	104	0	0	2	0	0
NORTHWEST ALA ST JR COL	40	0	0	0	0	0	0	40	0	0	0	0	0
OAKWOOD COL	37	0	0	0	0	0	0	37	0	0	0	0	0
PATRICK HENRY ST JR COL	106	0	0	0	0	0	0	106	0	0	0	0	0
SAMFORD UNIV	223	0	0	0	0	0	0	194	0	0	29	0	0
SELMA UNIV	154	0	0	0	0	0	0	154	0	0	0	0	0
SNEAD STATE JUNIOR COL	14	0	0	0	0	0	0	14	0	0	0	0	0
SOUTHERN UNION ST JR COL	265	0	0	0	0	0	0	265	0	0	0	0	0
SPRING HILL COL	161	0	0	0	0	0	0	161	0	0	0	0	0
ST BERNARD COL	52	0	0	0	0	0	0	50	0	0	2	0	0
STILLMAN COL	928	0	0	0	0	0	0	928	0	0	0	0	0
TALLADEGA COL	660	0	0	0	0	0	0	577	0	56	27	0	0
TROY STATE UNIV	429	0	0	0	0	0	0	419	0	0	10	0	0
TUSKEGEE INST	4,851	108	38	0	0	446	72	3,850	0	83	54	0	0
U OF ALA IN BIRMINGHAM	19,516	0	0	0	760	0	0	18,603	0	0	153	0	0
U OF ALA IN HUNTSVILLE	1,187	0	0	0	305	0	0	42	0	723	27	0	0
U OF ALA IN TUSCALOOSA	3,752	0	25	5	58	0	70	2,879	163	248	284	0	0
UNIV OF MONTEVALLO	148	0	0	0	0	0	0	109	0	11	26	0	0
UNIV OF SOUTH ALA	1,385	0	0	0	761	0	0	606	0	0	18	0	0
WALKER COL	3	0	0	0	0	0	0	3	0	0	0	0	0
ALASKA, TOTAL	9,571	1,033	172	425	2,340	0	157	2,000	197	582	2,665	0	0
ALASKA METHODIST UNIV	402	0	0	0	0	0	0	388	0	0	14	0	0
KODIAK COMMUNITY COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
SHELDON JACKSON JR COL	18	0	0	0	0	0	0	18	0	0	0	0	0
UNIV OF ALASKA	9,146	1,033	172	425	2,340	0	157	1,589	197	582	2,651	0	0
ARIZONA, TOTAL	27,282	2,026	437	6	3,714	400	235	15,229	280	1,604	3,349	0	2
ARIZ WESTERN COL	204	0	0	0	0	0	0	202	0	0	2	0	0
ARIZONA STATE UNIV	4,589	0	89	0	246	0	0	3,438	0	76	738	0	2
CENTRAL ARIZONA COL	119	0	0	0	0	0	0	119	0	0	0	0	0
COCHISE COL	300	0	0	0	0	0	0	300	0	0	0	0	0
EASTERN ARIZ JR COL	165	0	0	0	0	0	0	165	0	0	0	0	0
GLENDALE COMM COL	72	0	0	0	0	0	0	70	0	0	2	0	0
GRAND CANYON COL	48	0	0	0	0	0	0	48	0	0	0	0	0
MARICOPA CTY J C DIS SYS	30	0	0	0	0	0	0	30	0	0	0	0	0
MARICOPA TECHNICAL COLL	66	0	0	0	0	0	0	66	0	0	0	0	0
MESA COMM COL	201	0	0	0	0	0	0	201	0	0	0	0	0
NAVAJO COMMUNITY COLLEGE	1,140	0	0	0	0	600	0	530	0	0	10	0	0
NORTHERN ARIZ UNIV	1,114	29	0	0	4	0	0	941	0	0	140	0	0

JEFFERSON DAVIS COL	35	0	0	0	0	0	0	35	0	0	0	0	0
JEFFERSON ST JR COL	822	0	0	0	0	0	0	822	0	0	0	0	0
JUDSON COL	22	0	0	0	0	0	0	22	0	0	0	0	0
LAWSON STATE JUNIOR COL	276	0	0	0	0	0	0	276	0	0	0	0	0
LIVINGSTON UNIVERSITY	448	0	0	0	0	0	0	438	0	0	10	0	0
LURLEEN B WALLACE ST JR C	550	0	0	0	0	0	0	550	0	0	0	0	0
MARION INST	8	0	0	0	0	0	0	8	0	0	0	0	0
MILES COL	1,313	0	0	0	0	0	0	1,312	0	0	1	0	0
MOBILE COL	48	0	0	0	0	0	0	48	0	0	0	0	0
MOBILE ST JR COL	261	0	0	0	0	0	0	261	0	0	0	0	0
NE ALABAMA STATE JR COLL	106	0	0	0	0	0	0	104	0	0	2	0	0
NORTHWEST ALA ST JR COL	40	0	0	0	0	0	0	40	0	0	0	0	0
OAKWOOD COL	37	0	0	0	0	0	0	37	0	0	0	0	0
PATRICK HENRY ST JR COL	106	0	0	0	0	0	0	106	0	0	0	0	0
SAMFORD UNIV	223	0	0	0	0	0	0	194	0	0	29	0	0
SELMA UNIV	154	0	0	0	0	0	0	154	0	0	0	0	0
SHEAD STATE JUNIOR COL	14	0	0	0	0	0	0	14	0	0	0	0	0
SOUTHERN UNION ST JR COL	265	0	0	0	0	0	0	265	0	0	0	0	0
SPRING HILL COL	161	0	0	0	0	0	0	161	0	0	0	0	0
ST BERNARD COL	52	0	0	0	0	0	0	50	0	0	2	0	0
STILLMAN COL	928	0	0	0	0	0	0	928	0	0	0	0	0
TALLADEGA COL	660	0	0	0	0	0	0	577	0	56	27	0	0
TROY STATE UNIV	429	0	0	0	0	0	0	419	0	0	10	0	0
TUSKEGEE INST	4,851	108	38	0	0	646	72	3,850	0	83	54	0	0
U OF ALA IN BIRMINGHAM	19,918	0	0	0	760	0	0	18,603	0	0	153	0	0
U OF ALA IN HUNTSVILLE	1,187	0	0	0	395	0	0	42	0	723	27	0	0
U OF ALA IN TUSCALOOSA	3,792	0	25	5	58	0	70	2,879	163	288	284	0	0
UNIV OF MONTEVALLO	146	0	0	0	0	0	0	109	0	11	26	0	0
UNIV OF SOUTH ALA	1,385	0	0	0	761	0	0	606	0	0	18	0	0
WALKER COL	3	0	0	0	0	0	0	3	0	0	0	0	0
ALASKA, TOTAL	9,571	1,033	172	425	2,340	0	157	2,000	197	582	2,665	0	0
ALASKA METHODIST UNIV	402	0	0	0	0	0	0	388	0	0	14	0	0
KODIAK COMMUNITY COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
SHELDON JACKSON JR COL	18	0	0	0	0	0	0	18	0	0	0	0	0
UNIV OF ALASKA	9,146	1,033	172	425	2,340	0	157	1,589	197	582	2,651	0	0
ARIZONA, TOTAL	27,282	2,826	437	6	3,714	400	235	15,429	280	1,604	3,349	0	2
ARIZ WESTERN COL	204	0	0	0	0	0	0	202	0	0	2	0	0
ARIZONA STATE UNIV	4,589	0	89	0	248	0	0	3,438	0	76	738	0	2
CENTRAL ARIZONA COL	119	0	0	0	0	0	0	119	0	0	0	0	0
COCHISE COL	300	0	0	0	0	0	0	300	0	0	0	0	0
EASTERN ARIZ JR COL	165	0	0	0	0	0	0	165	0	0	0	0	0
GLENDALE COMM COL	72	0	0	0	0	0	0	70	0	0	2	0	0
GRAND CANYON COL	45	0	0	0	0	0	0	45	0	0	0	0	0
MARICOPA CTY J C CEN SYS	30	0	0	0	0	0	0	30	0	0	0	0	0
MARICOPA TECHNICAL COLL	66	0	0	0	0	0	0	66	0	0	0	0	0
MESA COMM COL	201	0	0	0	0	0	0	201	0	0	0	0	0
NAVAJO COMMUNITY COLLEGE	1,140	0	0	0	0	600	0	530	0	0	10	0	0
NORTHERN ARIZ UNIV	1,114	29	0	0	4	0	0	941	0	0	140	0	0
PHOENIX COL	605	0	0	0	0	0	0	603	0	0	2	0	0
PIMA COUNTY JR COLLEGE	429	0	0	0	0	0	0	429	0	0	0	0	0
PRESCOTT COL	103	0	0	0	0	0	0	83	11	0	9	0	0
UNIV OF ARIZONA	18,100	1,997	348	6	3,464	0	235	8,207	269	1,528	2,446	0	0
ARKANSAS, TOTAL	21,855	4,928	100	66	0	0	99	15,640	141	77	804	0	0
AG MECHANORMAL COL OF ARK	1,452	22	0	0	0	0	0	1,420	0	0	10	0	0
ARK BAPTIST COL	57	0	0	0	0	0	0	57	0	0	0	0	0
ARK COL	282	0	0	0	0	0	0	282	0	0	0	0	0
ARK POLYTECHNIC COL	368	0	0	0	0	0	0	368	0	0	0	0	0
ARK ST UNIV	532	0	0	0	0	0	0	522	0	0	10	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
ARKANSAS													
COL OF THE OZARKS	75	0	0	0	0	0	0	75	0	0	0	0	0
CROWLEYS RIDGE COL	72	0	0	0	0	0	0	72	0	0	0	0	0
HARDING COL	169	0	0	0	0	0	0	113	0	45	11	0	0
HENDERSON STATE COL	443	0	0	0	0	0	0	443	0	0	0	0	0
HENDRIX COL	55	0	0	0	0	0	0	53	0	0	2	0	0
JOHN BROWN UNIV	62	0	0	0	0	0	0	60	0	0	2	0	0
OUACHITA BAPTIST UNIV	739	0	0	0	0	0	0	737	0	0	2	0	0
PHILANDER SMITH COL	499	0	0	0	0	0	0	499	0	0	0	0	0
PHILLIPS CO COMM COLL	144	0	0	0	0	0	0	144	0	0	0	0	0
SHORTER COL	89	0	0	0	0	0	0	89	0	0	0	0	0
SOUTHERN BAPTIST COL	233	0	0	0	0	0	0	233	0	0	0	0	0
SOUTHERN ST COL	1,020	0	0	0	0	0	0	983	0	0	37	0	0
STATE COLLEGE OF ARKANSAS	741	0	0	0	0	0	0	739	0	0	2	0	0
UNIV OF ARK	14,756	4,906	100	66	0	0	99	8,684	141	32	728	0	0
WESTARK JR COL	67	0	0	0	0	0	0	67	0	0	0	0	0
CALIFORNIA, TOTAL	394,525	7,557	15,425	366	39,984	6,479	3,814	228,932	1,958	24,732	63,186	1,189	1,327
ALLAN HANCOCK COL	80	0	0	0	0	0	0	80	0	0	0	0	0
APEX RIVER COL	532	0	0	0	0	0	0	532	0	0	0	0	0
ANTELOPE VALLEY COL	117	0	0	0	0	0	0	117	0	0	0	0	0
ARMSTRONG SCH OF BUS	23	0	0	0	0	0	0	23	0	0	0	0	0
ART CTR COL OF DESIGN	9	0	0	0	0	0	0	9	0	0	0	0	0
AZUSA PACIFIC COL	145	0	0	0	0	0	0	145	0	0	0	0	0
BAKERSFIELD COL	143	0	0	0	0	0	0	143	0	0	0	0	0
BARSTOW COL	55	0	0	0	0	0	0	55	0	0	0	0	0
BETHANY BIBLE COL	64	0	0	0	0	0	0	64	0	0	0	0	0
BIOLA COL	188	0	0	0	0	0	0	188	0	0	0	0	0
BUTTE COL	17	0	0	0	0	0	0	17	0	0	0	0	0
CABRILLO COL	173	0	0	0	0	0	0	173	0	0	0	0	0
CAL COL OF ARTS & CRAFTS	72	0	0	0	0	0	0	72	0	0	0	0	0
CAL COL OF PODIATRIC MED	429	0	0	0	0	0	0	429	0	0	0	0	0
CAL CONCORDIA COL	4	0	0	0	0	0	0	4	0	0	0	0	0
CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
CAL INST OF THE ARTS	170	0	0	0	0	0	0	170	0	0	0	0	0
CAL LUTHERAN COL	87	0	0	0	0	0	0	77	0	0	10	0	0
CAL MARITIME ACAD	190	0	0	190	0	0	0	0	0	0	0	0	0
CAL ST COL AT BAKERSFIELD	531	0	0	0	0	0	0	479	0	0	52	0	0
CAL ST COL AT FULLERTON	695	0	0	0	0	0	0	528	0	27	140	0	0
CAL ST COL AT HAYWARD	1,481	0	4	0	0	0	0	1,466	0	0	11	0	0
CAL ST COL AT LONG BEACH	1,467	0	0	0	53	0	0	1,334	0	13	67	0	0
CAL ST COL AT LOS ANGELES	2,617	0	0	0	30	0	20	2,497	10	0	60	0	0
CAL ST COL DOMINGUEZ HILL	409	0	0	0	0	0	0	409	0	0	0	0	0
CAL ST COL SAN BERNARDINO	143	0	0	0	0	0	0	131	0	0	12	0	0
CAL ST POLY C POMONA	715	0	0	0	12	0	0	673	0	0	30	0	0
CAL ST POLY C SAN LU OBIS	191	0	0	0	0	0	50	48	0	0	93	0	0
CANADA COL	171	0	0	0	0	0	0	171	0	0	0	0	0
CERRITOS COL	233	0	0	0	0	0	0	233	0	0	0	0	0
CHABOT COL	146	0	0	0	0	0	0	146	0	0	0	0	0
CHAFFEY COL	69	0	0	0	0	0	0	67	0	0	2	0	0
CHAPMAN COL	76	0	0	0	0	0	0	76	0	0	0	0	0
CHICO STATE COL	893	4	0	0	0	0	0	781	0	7	101	0	0
CITRUS COL	26	0	0	0	0	0	0	16	0	0	10	0	0
CITY COL OF SAN FRANCISCO	432	0	0	0	0	0	0	432	0	0	0	0	0
CLAREMONT COL, CEN SYS	94	0	0	0	0	0	0	94	0	0	0	0	0
CLAREMONT GRADUATE SCHOOL	691	0	0	0	0	0	0	111	0	0	555	0	25
CLAREMONT MENS COL	11	0	0	0	0	0	0	11	0	0	0	0	0
COL OF ALAMEDA	181	0	0	0	0	0	0	181	0	0	0	0	0
COL OF MARIN	169	0	0	0	0	0	0	127	0	0	42	0	0
COL OF NOTRE DAME	73	0	0	0	0	0	0	15	0	0	58	0	0
COL OF SAN MATEO	374	0	0	0	0	0	0	374	0	0	0	0	0
COL OF THE DESERT	59	0	0	0	0	0	0	59	0	0	0	0	0
COL OF THE HOLY NAMES	85	0	0	0	0	0	0	26	0	0	59	0	0
COL OF THE REDWOODS	76	0	0	0	0	0	0	76	0	0	0	0	0
COL OF THE SEQUOIAS	79	0	0	0	0	0	0	79	0	0	0	0	0
COL OF THE SISKIYOUS	44	0	0	0	0	0	0	44	0	0	0	0	0
COLLEGE OF THE CANYONS	19	0	0	0	0	0	0	19	0	0	0	0	0
COLUMBIA JR COL	60	0	0	0	0	0	0	60	0	0	0	0	0
COMPTON COL	309	0	0	0	0	0	0	309	0	0	0	0	0
CONSUMNES RIVER COL	41	0	0	0	0	0	0	41	0	0	0	0	0
CONTRA COSTA COL	404	0	0	0	0	0	0	377	0	0	27	0	0

ALLAN HANCOCK COL	88	0	0	0	0	0	0	88	0	0	0	0	0
APER RIVER COL	532	0	0	0	0	0	0	532	0	0	0	0	0
ANTELOPE VALLEY COL	117	0	0	0	0	0	0	117	0	0	0	0	0
ARMSTRONG SCH OF BUS	23	0	0	0	0	0	0	23	0	0	0	0	0
ART CTR COL OF DESIGN	9	0	0	0	0	0	0	9	0	0	0	0	0
AZUSA PACIFIC COL	145	0	0	0	0	0	0	145	0	0	0	0	0
BAKERSFIELD COL	143	0	0	0	0	0	0	143	0	0	0	0	0
BARSTOW COL	55	0	0	0	0	0	0	55	0	0	0	0	0
BETHANY BIBLE COL	64	0	0	0	0	0	0	64	0	0	0	0	0
BIOLA COL	188	0	0	0	0	0	0	188	0	0	0	0	0
BUTTE COL	17	0	0	0	0	0	0	17	0	0	0	0	0
CABRILLO COL	173	0	0	0	0	0	0	173	0	0	0	0	0
CAL COL OF ARTS & CRAFTS	72	0	0	0	0	0	0	72	0	0	0	0	0
CAL COL OF PODIATRIC MED	429	0	0	0	0	0	0	429	0	0	0	0	0
CAL CONCORDIA COL	4	0	0	0	0	0	0	4	0	0	0	0	0
CAL INST OF TECH	20,490	0	2,397	0	1,489	0	215	4,637	285	4,179	7,288	0	0
CAL INST OF THE ARTS	170	0	0	0	0	0	0	170	0	0	0	0	0
CAL LUTHERAN COL	87	0	0	0	0	0	0	77	0	0	10	0	0
CAL MARITIME ACAD	190	0	0	190	0	0	0	0	0	0	0	0	0
CAL ST COL AT BAKERSFIELD	531	0	0	0	0	0	0	479	0	0	52	0	0
CAL ST COL AT FULLERTON	695	0	0	0	0	0	0	528	0	27	140	0	0
CAL ST COL AT HAYWARD	1,481	0	4	0	0	0	0	1,466	0	0	11	0	0
CAL ST COL AT LONG BEACH	1,467	0	0	0	53	0	0	1,334	0	13	67	0	0
CAL ST COL AT LOS ANGELES	2,617	0	0	0	30	0	20	2,497	10	0	60	0	0
CAL ST COL DOMINGUEZ HILL	409	0	0	0	0	0	0	409	0	0	0	0	0
CAL ST COL SAN BERNARDINO	143	0	0	0	0	0	0	131	0	0	12	0	0
CAL ST POLY C POMONA	715	0	0	0	12	0	0	673	0	0	30	0	0
CAL ST POLY C SAN LU OBIS	191	0	0	0	0	0	50	48	0	0	93	0	0
CANADA COL	171	0	0	0	0	0	0	171	0	0	0	0	0
CERRITOS COL	233	0	0	0	0	0	0	233	0	0	0	0	0
CHABOT COL	146	0	0	0	0	0	0	146	0	0	0	0	0
CHAFFEY COL	69	0	0	0	0	0	0	67	0	0	2	0	0
CHAPMAN COL	76	0	0	0	0	0	0	76	0	0	0	0	0
CHICO STATE COL	893	4	0	0	0	0	0	781	0	7	101	0	0
CITRUS COL	26	0	0	0	0	0	0	16	0	0	10	0	0
CITY COL OF SAN FRANCISCO	432	0	0	0	0	0	0	432	0	0	0	0	0
CLAREMONT COL, CEN SYS	94	0	0	0	0	0	0	94	0	0	0	0	0
CLAREMONT GRADUATE SCHOOL	691	0	0	0	0	0	0	111	0	0	555	0	25
CLAREMONT MENS COL	11	0	0	0	0	0	0	11	0	0	0	0	0
COL OF ALAMEDA	181	0	0	0	0	0	0	181	0	0	0	0	0
COL OF MARIN	169	0	0	0	0	0	0	127	0	0	42	0	0
COL OF NOTRE DAME	73	0	0	0	0	0	0	15	0	0	58	0	0
COL OF SAN MATEO	374	0	0	0	0	0	0	374	0	0	0	0	0
COL OF THE DESERT	59	0	0	0	0	0	0	59	0	0	0	0	0
COL OF THE HOLY NAMES	85	0	0	0	0	0	0	26	0	0	59	0	0
COL OF THE REDWOODS	76	0	0	0	0	0	0	76	0	0	0	0	0
COL OF THE SEQUOIAS	79	0	0	0	0	0	0	79	0	0	0	0	0
COL OF THE SISKIYOUS	44	0	0	0	0	0	0	44	0	0	0	0	0
COLLEGE OF THE CANYONS	19	0	0	0	0	0	0	19	0	0	0	0	0
COLUMBIA JR COL	60	0	0	0	0	0	0	60	0	0	0	0	0
COMPTON COL	309	0	0	0	0	0	0	309	0	0	0	0	0
CONSUMNES RIVER COL	41	0	0	0	0	0	0	41	0	0	0	0	0
CONTRA COSTA COL	404	0	0	0	0	0	0	377	0	0	27	0	0
CUESTA COL	390	0	0	0	0	0	0	390	0	0	0	0	0
CYPRESS JR COL	99	0	0	0	0	0	0	99	0	0	0	0	0
DE ANZA COLLEGE	193	0	0	0	0	0	0	166	0	0	27	0	0
DIABLO VALLEY COL	136	0	0	0	0	0	0	111	0	0	25	0	0
DOMINICAN COL SAN RAFAEL	9	0	0	0	0	0	0	9	0	0	0	0	0
DON BOSCO TECH INST & COL	32	0	0	0	0	0	0	32	0	0	0	0	0
DREW POST-GRAD MED SCHOOL	553	0	0	0	0	0	0	553	0	0	0	0	0
EAST LOS ANGELES COL	339	0	0	0	0	0	0	339	0	0	0	0	0
EL CAMINO COL	171	0	0	0	0	0	0	171	0	0	0	0	0
FEATHER RIVER COLLEGE	18	0	0	0	0	0	0	18	0	0	0	0	0
FOOTHILL COL	151	0	0	0	0	0	0	125	0	0	26	0	0
FREEMONT-NEWARK JR COL DS	391	0	0	0	0	0	0	391	0	0	0	0	0
FRESNO CITY COL	371	0	0	0	0	0	0	371	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DOC	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
CALIFORNIA													
FRESNO STATE COL	1,676	35	0	0	0	0	0	1,191	375	0	120	0	0
FULLERTON JR COL	92	0	0	0	0	0	0	92	0	0	0	0	0
GAVILAN COL	590	0	0	0	0	0	0	566	0	0	24	0	0
GLENDALE COL	82	0	0	0	0	0	0	82	0	0	0	0	0
GOLDEN GATE COL	118	0	0	0	0	0	0	92	0	0	26	0	0
GOLDEN WEST COL	83	0	0	0	0	0	0	83	0	0	0	0	0
GRADUATE THEOL UNION	10	0	0	0	0	0	0	10	0	0	0	0	0
GROSSMONT COL	243	0	0	0	0	0	0	243	0	0	0	0	0
HARTNELL COL	100	0	0	0	0	0	0	100	0	0	0	0	0
HARVEY MUDD COL	147	0	0	0	0	0	0	74	0	0	73	0	0
HUMBOLDT STATE COL	893	19	0	0	0	0	0	665	0	0	209	0	0
HUMPHREYS COL	34	0	0	0	0	0	0	34	0	0	0	0	0
IMMACULATE HEART COL	85	0	0	0	0	0	0	75	0	0	10	0	0
IMPERIAL VALLEY COL	113	0	0	0	0	0	0	113	0	0	0	0	0
JOHN F KENNEDY UNIVERSITY	224	0	0	0	0	0	0	224	0	0	0	0	0
LA VERNE COL	85	0	0	0	0	0	0	55	0	0	10	0	0
LANEY COL	436	0	0	0	0	0	0	396	0	0	40	0	0
LASSEN COL	33	0	0	0	0	0	0	33	0	0	0	0	0
LOMA LINDA UNIV	3,896	0	0	0	0	0	0	3,877	0	0	19	0	0
LONE MOUNTAIN COLLEGE	63	0	0	0	0	0	0	61	0	0	2	0	0
LONG BEACH CITY COL	111	0	0	0	0	0	0	111	0	0	0	0	0
LOS ANGELES BAPT COLLEGE	47	0	0	0	0	0	0	47	0	0	0	0	0
LOS ANGELES CITY COL	426	0	0	0	0	0	0	426	0	0	0	0	0
LOS ANGELES COL OF OPTOM	2,923	0	0	0	0	0	0	2,923	0	0	0	0	0
LOS ANGELES HARBOR COL	114	0	0	0	0	0	0	114	0	0	0	0	0
LOS ANGELES PIERCE COL	33	0	0	0	0	0	0	33	0	0	0	0	0
LOS ANGELES SOUTHWEST COL	88	0	0	0	0	0	0	88	0	0	0	0	0
LOS ANGELES TR-TECH COL	97	0	0	0	0	0	0	97	0	0	0	0	0
LOS ANGELES VALLEY COL	191	0	0	0	0	0	0	191	0	0	0	0	0
LOYOLA UNIV LOS ANGELES	334	0	0	0	0	0	0	334	0	0	0	0	0
MARYMOUNT COL	147	0	0	0	0	0	0	147	0	0	0	0	0
MENLO COL	28	0	0	0	0	0	0	6	0	0	22	0	0
MERCED COL	175	0	0	0	0	0	0	175	0	0	0	0	0
MERRITT COL	452	0	0	0	0	0	0	439	0	0	13	0	0
MILLS COL	262	0	0	0	0	0	0	227	0	0	35	0	0
MIRA COSTA COL	62	0	0	0	0	0	0	62	0	0	0	0	0
MODESTO JR COL	240	0	0	0	0	0	0	240	0	0	0	0	0
MONTEREY INST OF FOR STUD	28	0	0	0	0	0	0	28	0	0	0	0	0
MONTEREY PENINSULA COL	118	0	0	0	0	0	0	90	0	0	28	0	0
MOORPARK COLLEGE	193	0	0	0	0	0	0	193	0	0	0	0	0
MOUNT SAN ANTONIO COLLEGE	162	0	0	0	0	0	0	162	0	0	0	0	0
MT SAN JACINTO COL	23	0	0	0	0	0	0	13	0	0	10	0	0
MT ST MARYS COL	126	0	0	0	0	0	0	119	0	0	7	0	0
NAINDBI COLLEGE	665	0	0	0	0	0	0	665	0	0	0	0	0
NAPA COL	77	0	0	0	0	0	0	77	0	0	0	0	0
NORTHROP INST OF TECH	54	0	0	0	0	0	0	54	0	0	0	0	0
OCCIDENTAL COL	369	0	0	0	0	0	0	278	0	0	91	0	0
OHLONE COLLEGE	89	0	0	0	0	0	0	89	0	0	0	0	0
ORANGE COAST COL	85	0	0	0	0	0	0	85	0	0	0	0	0
OTIS ART INST LA CNTY	28	0	0	0	0	0	0	28	0	0	0	0	0
PACIFIC CHRISTIAN COL	9	0	0	0	0	0	0	9	0	0	0	0	0
PACIFIC COL	173	0	0	0	0	0	0	171	0	0	2	0	0
PACIFIC OAKS COL	148	0	0	0	0	0	0	138	0	0	10	0	0
PACIFIC SCH OF RELIGION	133	0	0	0	0	0	0	133	0	0	0	0	0
PACIFIC UNION COL	198	0	0	0	0	0	0	176	0	0	22	0	0
PALO VERDE COL	18	0	0	0	0	0	0	18	0	0	0	0	0
PALOMAR COL	184	0	0	0	0	0	0	184	0	0	0	0	0
PASADENA CITY COL	2,192	0	0	0	0	0	0	2,192	0	0	0	0	0
PASADENA COL	182	0	0	0	0	0	0	182	0	0	0	0	0
PEPPERDINE COL	439	0	0	0	0	0	0	429	0	0	10	0	0
PERALTA JR COL DEV SVS	39	0	0	0	0	0	0	31	0	0	8	0	0
PITZER COL	91	0	0	0	0	0	0	91	0	0	0	0	0
POMONA COL	312	0	0	0	0	0	0	263	0	0	49	0	0
PORTERVILLE COL	93	0	0	0	0	0	0	93	0	0	0	0	0
PRESLEY COL	61	0	0	0	0	0	0	61	0	0	0	0	0
RIO HONDO JR COL	419	0	0	0	0	0	0	419	0	0	0	0	0
RIVERSIDE CITY COL	184	0	0	0	0	0	0	171	13	0	0	0	0
SACRAMENTO CITY COL	312	0	0	0	0	0	0	312	0	0	0	0	0
SACRAMENTO STATE COL	1,725	0	0	0	0	0	29	1,633	0	0	58	0	0
SAN BERNARDINO VALLEY COL	89	0	0	0	0	0	0	89	0	0	0	0	0
SAN DIEGO JR COL DEV SVS	177	0	0	0	0	0	0	167	0	0	10	0	0

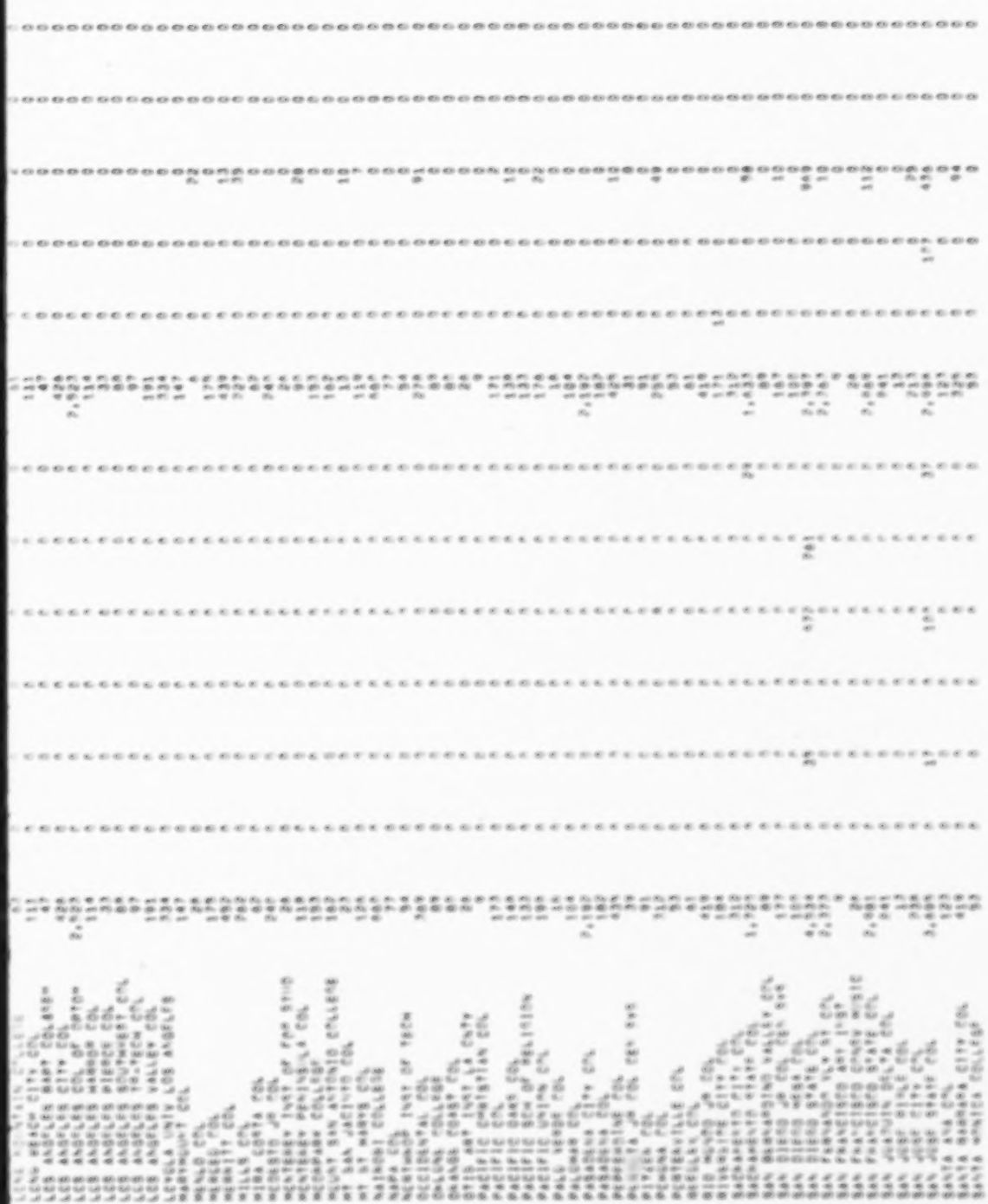

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
CALIFORNIA													
SANTA ROSA JR COL	109	0	0	0	0	0	0	105	0	0	0	0	0
SCRIPPS COL	97	0	0	0	0	0	0	97	0	0	0	0	0
SHASTA COL	84	0	0	0	0	0	0	84	0	0	0	0	0
SIERRA COL	67	0	0	0	0	0	0	67	0	0	0	0	0
SIMPSON BIBLE COL	27	0	0	0	0	0	0	27	0	0	0	0	0
SKYLINE COLLEGE	63	0	0	0	0	0	0	63	0	0	0	0	0
SOLANO COL	121	0	0	0	0	0	0	121	0	0	0	0	0
SONOMA STATE COL	407	0	0	0	0	0	0	276	0	0	131	0	0
SOUTHERN CAL COL	73	0	0	0	0	0	0	71	0	0	2	0	0
SOUTHERN CAL SCH THEOLOGY	13	0	0	0	0	0	0	13	0	0	0	0	0
SOUTHWESTERN COL	70	0	0	0	0	0	0	70	0	0	0	0	0
SOUTHWESTERN UNIV	1	0	0	0	0	0	0	1	0	0	0	0	0
ST MARYS COL CALIFORNIA	69	0	0	0	0	0	0	67	0	0	2	0	0
STANFORD UNIV	94,669	0	423	21	9,703	0	413	27,135	66	6,674	10,843	120	952
STANISLAUS STATE COL	208	0	0	0	19	0	0	178	0	0	11	0	0
TAFT COL	8	0	0	0	0	0	0	8	0	0	0	0	0
U S INTERNATIONAL UNIV	977	0	0	0	0	0	0	937	0	0	40	0	0
UNIV OF CAL BERKELEY	92,279	5,932	586	97	6,716	1,926	655	21,881	665	7,360	8,882	212	89
UNIV OF CAL DAVIS	18,161	929	2,538	0	269	499	204	11,529	11	290	2,073	0	0
UNIV OF CAL IRVINE	9,885	0	441	15	3,731	0	0	4,017	0	0	1,092	0	0
UNIV OF CAL LOS ANGELES	94,930	85	4,929	0	4,228	792	545	39,719	884	2,867	4,579	599	89
UNIV OF CAL RIVERSIDE	8,867	471	518	0	78	15	634	3,551	0	139	872	0	0
UNIV OF CAL SAN DIEGO	69,690	0	2,112	90	17,639	1,156	703	14,729	0	3,961	17,271	35	0
UNIV OF CAL SANTA CRUZ	1,962	0	125	0	49	387	0	464	0	70	872	0	0
UNIV OF CAL CENTRAL SYS	473	0	0	0	0	0	184	249	0	0	40	0	0
UNIV OF CAL SAN FRANCISCO	28,984	0	618	0	325	0	9	25,363	0	176	290	0	0
UNIV OF CAL SANTA BARBARA	7,343	0	97	33	1,906	0	38	2,888	0	59	2,232	0	0
UNIV OF REDLANDS	259	0	0	0	0	0	0	201	0	0	58	0	0
UNIV OF SAN FRANCISCO	836	0	0	0	69	0	0	607	43	64	58	0	0
UNIV OF SANTA CLARA	921	0	1	0	21	0	0	166	0	179	208	0	0
UNIV OF SOUTHERN CAL	38,733	87	391	0	2,828	2,796	485	21,199	11	884	2,157	229	180
UNIV OF THE PACIFIC	2,549	0	0	0	26	259	0	2,171	0	0	101	0	0
UNIV OF CALIFORNIA COORDINATE COLL	225	0	0	0	0	0	0	167	0	0	58	0	0
VENTURA COL	107	0	0	0	0	0	0	107	0	0	0	0	0
VICTOR VALLEY COL	62	0	0	0	0	0	0	62	0	0	0	0	0
WEST COAST UNIV	94	0	0	0	0	0	0	94	0	0	0	0	0
WEST HILLS COLLEGE	21	0	0	0	0	0	0	21	0	0	0	0	0
WEST LOS ANGELES COLLEGE	41	0	0	0	0	0	0	41	0	0	0	0	0
WEST VALLEY COL	514	0	0	0	0	0	0	489	0	0	39	0	0
WESTMONT COL	59	0	0	0	0	0	0	59	0	0	0	0	0
WHITTIER COL	157	0	0	0	0	0	0	114	0	0	43	0	0
YUBA COL	99	0	0	0	0	0	0	99	0	0	0	0	0
COLORADO, TOTAL	99,997	2,693	998	922	4,258	428	958	34,681	1,931	2,771	10,090	55	820
ADAMS STATE COL	291	0	0	0	0	0	0	291	0	0	0	0	0
AIMS COL	94	0	0	0	0	0	0	86	0	0	8	0	0
ARAPAHOE COMMUNITY COLL	563	0	0	0	0	0	0	531	0	0	32	0	0
COLORADO COL	128	0	0	0	0	0	0	97	0	0	31	0	0
COLORADO MOUNTAIN COL	227	0	0	0	0	0	0	98	129	0	0	0	0
COLORADO SCH OF MINES	906	0	0	240	114	0	0	54	216	170	112	0	0
COLORADO STATE UNIV	15,195	2,920	239	112	827	0	881	4,860	989	471	3,739	0	617
COMMUNITY COLLEGE DENVER	426	0	0	0	0	0	0	331	0	0	95	0	0
EL PASO COMMUNITY COLLEGE	40	0	0	0	0	0	0	40	0	0	0	0	0
FORT LEWIS COL	421	0	0	0	0	0	0	393	0	0	28	0	0
ILIFF SCHOOL OF THEOLOGY	5	0	0	0	0	0	0	5	0	0	0	0	0
LAMAR COMMUNITY COLLEGE	56	0	0	0	0	0	0	23	0	0	33	0	0
LORETTO HEIGHTS COL	171	0	0	0	0	0	0	115	0	0	56	0	0
MESA COL	96	0	0	0	0	0	0	63	0	0	33	0	0
METROPOLITAN STATE COL	374	0	0	0	0	0	0	374	0	0	0	0	0
NORTHEASTERN JR COL	151	0	0	0	0	0	0	118	0	0	33	0	0
OTERO JR COL	221	0	0	0	0	0	0	188	0	0	33	0	0
RANGELY COL	22	0	0	0	0	0	0	22	0	0	0	0	0
REGIS COL	54	0	0	0	0	0	0	54	0	0	0	0	0
SOUTHERN COLORADO ST COL	741	0	0	0	0	219	0	522	0	0	0	0	0
TEMPLE BUELL COL	197	0	0	0	0	0	0	143	0	0	54	0	0
TRINIDAD STATE JR COL	307	0	0	0	0	0	0	274	0	0	33	0	0
UNIV OF COLORADO	32,720	79	751	570	1,341	209	97	21,244	122	1,866	4,387	55	3
UNIV OF DENVER	5,387	98	0	0	1,976	0	0	1,770	150	264	1,129	0	0
UNIV OF NORTHERN COLORADO	1,208	0	0	0	0	0	0	949	5	0	254	0	0
WESTERN ST COL COLORADO	34	0	0	0	0	0	0	34	0	0	0	0	0

UNIV OF CAL DAVIS	18,141	920	2,738	0	368	498	354	11,520	11	270	2,073	0	0
UNIV OF CAL IRVINE	9,095	0	640	15	3,331	0	0	4,017	0	0	1,092	0	0
UNIV OF CAL LOS ANGELES	54,030	85	4,928	0	4,228	292	548	38,719	304	2,667	4,575	599	85
UNIV OF CAL RIVERSIDE	4,847	471	318	0	78	15	604	2,550	0	139	672	0	0
UNIV OF CAL SAN DIEGO	49,650	0	2,112	90	10,639	1,154	703	14,228	0	3,961	17,271	35	0
UNIV OF CAL SANTA CRUZ	1,982	0	120	0	49	387	0	464	0	70	872	0	0
UNIV OF CAL CENTRAL SYS	473	0	0	0	0	0	164	269	0	0	40	0	0
UNIV OF CAL SAN FRANCISCO	28,906	0	818	0	325	0	9	25,363	0	108	290	0	0
UNIV OF CAL SANTA BARBARA	6,343	0	97	33	1,806	0	30	2,886	0	59	2,232	0	0
UNIV OF REDLANDS	259	0	0	0	0	0	0	200	0	0	59	0	0
UNIV OF SAN FRANCISCO	836	0	0	0	69	0	0	602	43	64	58	0	0
UNIV OF SANTA CLARA	521	0	1	0	21	0	0	166	0	125	208	0	0
UNIV OF SOUTHERN CAL	30,733	87	301	0	2,825	2,784	480	21,194	11	894	2,157	225	180
UNIV OF THE PACIFIC	2,548	0	0	0	26	350	0	2,171	0	0	101	0	0
UNIV & C COORDINATE COLL	225	0	0	0	0	0	0	167	0	0	58	0	0
VENTURA COL	107	0	0	0	0	0	0	107	0	0	0	0	0
VICTOR VALLEY COL	67	0	0	0	0	0	0	67	0	0	0	0	0
WEST COAST UNIV	94	0	0	0	0	0	0	94	0	0	0	0	0
WEST HILLS COLLEGE	21	0	0	0	0	0	0	21	0	0	0	0	0
WEST LOS ANGELES COLLEGE	41	0	0	0	0	0	0	41	0	0	0	0	0
WEST VALLEY COL	514	0	0	0	0	0	0	489	0	0	25	0	0
WESTMONT COL	59	0	0	0	0	0	0	59	0	0	0	0	0
WHITTIER COL	197	0	0	0	0	0	0	114	0	0	43	0	0
YUBA COL	99	0	0	0	0	0	0	99	0	0	0	0	0
COLORADO, TOTAL	59,997	2,693	998	922	4,258	428	998	34,681	1,931	2,771	10,090	55	820
ADAMS STATE COL	291	0	0	0	0	0	0	291	0	0	0	0	0
AIMS COL	94	0	0	0	0	0	0	85	0	0	9	0	0
ARAPAHOE COMMUNITY COLL	563	0	0	0	0	0	0	531	0	0	32	0	0
COLORADO COL	108	0	0	0	0	0	0	97	0	0	11	0	0
COLORADO MOUNTAIN COL	227	0	0	0	0	0	0	95	132	0	0	0	0
COLORADO SCH OF MINES	908	0	0	240	114	0	0	56	216	170	112	0	0
COLORADO STATE UNIV	15,155	2,520	239	112	927	0	861	6,845	969	471	3,739	0	817
COMMUNITY COLLEGE DENVER	426	0	0	0	0	0	0	331	0	0	95	0	0
EL PASO COMMUNITY COLLEGE	45	0	0	0	0	0	0	45	0	0	0	0	0
FORT LEWIS COL	421	0	0	0	0	0	0	397	0	0	24	0	0
ILIFF SCHOOL OF THEOLOGY	5	0	0	0	0	0	0	5	0	0	0	0	0
LAMAR COMMUNITY COLLEGE	56	0	0	0	0	0	0	23	0	0	33	0	0
LORETTO HEIGHTS COL	171	0	0	0	0	0	0	115	0	0	56	0	0
MESA COL	96	0	0	0	0	0	0	63	0	0	33	0	0
METROPOLITAN STATE COL	376	0	0	0	0	0	0	376	0	0	0	0	0
NORTHEASTERN JR COL	151	0	0	0	0	0	0	118	0	0	33	0	0
OTERO JR COL	221	0	0	0	0	0	0	188	0	0	33	0	0
RANGELY COL	22	0	0	0	0	0	0	22	0	0	0	0	0
REGIS COL	56	0	0	0	0	0	0	56	0	0	0	0	0
SOUTHERN COLORADO ST COL	741	0	0	0	0	219	0	522	0	0	0	0	0
TEMPLE BUELL COL	197	0	0	0	0	0	0	147	0	0	50	0	0
TRINIDAD STATE JR COL	197	0	0	0	0	0	0	164	0	0	33	0	0
UNIV OF COLORADO	32,720	79	781	599	1,561	209	97	21,266	122	1,886	4,387	55	0
UNIV OF DENVER	5,387	89	0	0	1,975	0	0	1,777	150	284	1,170	0	0
UNIV OF NORTHERN COLORADO	1,269	0	0	0	0	0	0	945	0	0	294	0	0
WESTERN ST COL COLORADO	38	0	0	0	0	0	0	38	0	0	0	0	0
CONNECTICUT, TOTAL	57,182	1,787	1,131	19	2,719	0	87	40,516	217	957	8,472	0	196
ALBERTUS MAGNUS COL	68	0	0	0	0	0	0	68	0	0	0	0	0
ANNHURST COL	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL CONN ST COL	779	0	0	0	0	0	0	705	0	0	74	0	0
CONNECTICUT COL	377	0	0	0	69	0	0	287	0	0	21	0	0
EASTERN CONN STATE COL	123	0	0	0	0	0	0	123	0	0	0	0	0
FAIRFIELD U/IS	783	0	0	0	0	0	0	729	0	15	40	0	0
GREATER HARTFORD COMM COL	19	0	0	0	0	0	0	19	0	0	0	0	0
HARTFORD COL FOR WOMEN	83	0	0	0	0	0	0	83	0	0	0	0	0
HARTFORD STATE TECH COL	23	0	0	0	0	0	0	23	0	0	0	0	0
HOUSATONIC COMM COL	47	0	0	0	0	0	0	47	0	0	0	0	0
MANCHESTER COMM COL	595	0	0	0	0	0	0	595	0	0	0	0	0
NAUGATUCK COMMUNITY COL	81	0	0	0	0	0	0	81	0	0	0	0	0

TABLE D-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	HEW	NSF	DOD	DOT	DOE	NASA	USDA	HUD	DOI	OTHERS
CONNECTICUT											
[illegible]	90	0	0	0	0	0	0	90	0	0	0	0	0
[illegible]	19	0	0	0	0	0	0	19	0	0	0	0	0
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]	82	0	41	0	30	0	0	0	0	0	11	0	0
[illegible]	17	0	0	0	0	0	0	17	0	0	0	0	0
[illegible]	47	0	0	0	0	0	0	47	0	0	0	0	0
[illegible]	16	0	0	0	0	0	0	16	0	0	0	0	0
[illegible]	46	0	0	0	0	0	0	46	0	0	0	0	0
[illegible]	344	0	0	0	0	0	0	344	0	0	0	0	0
[illegible]	38	0	0	0	0	0	0	38	0	0	0	0	0
[illegible]	13	0	0	0	0	0	0	13	0	0	0	0	0
[illegible]	135	0	0	0	0	0	0	135	0	0	0	0	0
[illegible]	484	0	0	0	0	0	0	436	0	0	48	0	0
[illegible]	396	0	0	0	0	0	0	364	0	0	32	0	0
[illegible]	35	0	0	0	0	0	0	35	0	0	0	0	0
[illegible]	291	0	0	0	0	0	0	98	0	0	193	0	0
[illegible]	37	0	0	0	0	0	0	37	0	0	0	0	0
[illegible]	565	0	0	0	0	0	0	565	0	0	12	0	0
UNIV OF BRIDGEPORT	905	0	0	0	0	0	0	905	0	0	0	0	0
UNIV OF CONNECTICUT	11,905	1,391	119	0	694	0	83	7,965	140	295	1,048	0	0
UNIV OF HARTFORD	1,134	0	0	0	0	0	0	1,134	0	0	0	0	0
UNIV OF NEW HAVEN	241	0	0	0	0	0	0	239	0	0	2	0	0
WESTERN STATE TECH COL	17	0	0	0	0	0	0	17	0	0	0	0	0
WESLEYAN UNIV	1,791	0	0	15	59	0	0	85	0	128	401	0	0
WESTERN CONN STATE COL	63	0	0	0	0	0	0	62	0	0	1	0	0
YALE UNIV	39,487	19	2,916	0	1,387	0	14	24,827	71	535	9,394	0	194
DELAWARE, TOTAL	9,570	1,490	19	0	977	0	32	2,704	255	51	1,342	0	0
BRANDYWINE COLLEGE	89	0	0	0	0	0	0	89	0	0	0	0	0
DELAWARE STATE COL	761	27	0	0	0	0	19	623	0	0	76	0	0
DELAWARE TECH & COMM COL	188	0	0	0	0	0	0	188	0	0	0	0	0
DELGET TECHNA JR COL	32	0	0	0	0	0	0	32	0	0	0	0	0
UNIV OF DELAWARE	4,389	1,463	19	0	977	0	13	1,139	255	51	1,288	0	0
WESLEY COL	129	0	0	0	0	0	0	129	0	0	0	0	0
WILMINGTON COLLEGE	13	0	0	0	0	0	0	13	0	0	0	0	0
DIST. OF COLUMBIA, TOTAL	88,447	479	217	720	4,184	5,425	217	82,359	39	1,437	2,243	279	197
AMERICAN UNIVERSITY	2,068	0	19	0	1,369	0	0	480	0	67	334	198	0
CATHOLIC UNIV OF AMERICA	4,634	0	91	10	826	772	13	2,701	0	49	698	20	0
DIST OF COL TCHRS COL	439	0	0	0	0	0	0	415	0	2	22	0	0
GEORGETOWN COL GOLF TARGET	6	0	0	0	0	0	0	6	0	0	0	0	0
HOWARD UNIV	2,403	672	0	0	0	0	0	1,743	0	90	98	0	0
GALLAUDET COL	9,904	0	0	0	0	0	0	9,493	0	0	11	0	0
GEORGE WASHINGTON UNIV	17,888	0	21	30	1,585	953	136	9,011	19	977	470	0	145
GEORGETOWN UNIV	13,476	0	39	0	406	0	39	12,322	0	46	547	19	0
HOWARD UNIV	31,963	0	89	180	0	3,195	33	25,853	0	170	94	0	12
INTERAMERICAN COL OF GRAD	6	0	0	0	0	0	0	6	0	0	0	0	0
MOUNT VERNON COLLEGE	11	0	0	0	0	0	0	11	0	0	0	0	0
OBLATE COL	13	0	0	0	0	0	0	13	0	0	0	0	0
TRINITY COL	103	0	0	0	0	0	0	103	0	0	0	0	0
WASHINGTON THEOLOGICAL UNIV	965	0	0	0	0	0	0	911	0	0	18	36	0
FLORIDA, TOTAL	72,982	4,939	1,759	701	4,825	567	814	47,638	194	1,196	9,373	891	1,272
BARRY COL	197	0	0	0	0	0	0	197	0	0	0	0	0
BETHUNE-COOKMAN COL	488	0	0	0	0	0	0	488	0	0	0	0	0
BISCAYNE COL	49	0	0	0	0	0	0	49	0	0	0	0	0
BROWARD JR COL	178	0	0	0	0	0	0	178	0	0	0	0	0
BROWARD JUNIOR COLLEGE	276	0	0	0	0	0	0	276	0	0	0	0	0
CENTRAL FLORIDA JR COL	783	0	0	0	0	0	18	765	0	0	0	0	0
CHIPOLA JR COL	112	0	0	0	0	0	0	110	0	0	2	0	0
EASTERN OKLA JR COL	114	0	0	0	0	0	0	114	0	0	0	0	0
FLORIDA JR COL	42	0	0	0	0	0	0	42	0	0	0	0	0
FLAGLER COLLEGE	447	0	0	0	0	0	0	447	0	0	0	0	0
FLORIDA A&M UNIV	108	0	0	0	0	0	0	108	0	0	0	0	0
FLA INTERNATIONAL UNIV	6	0	0	0	0	0	0	6	0	0	0	0	0
FLORIDA ATLANTIC UNIV	1,727	29	0	0	0	0	0	1,718	0	0	99	0	0
FLORIDA ATLANTIC UNIV	437	0	0	0	51	0	31	311	0	0	107	0	0
FLORIDA INST OF TECH	274	0	0	0	67	0	0	147	0	17	67	0	0
FLORIDA JR COL	176	0	0	0	0	0	0	176	0	0	0	0	0
FLORIDA KEYS JR COL	199	0	0	0	0	0	0	199	0	0	0	0	0
[illegible]	1,111	0	0	0	0	745	0	745	0	0	0	0	0

[illegible]	241	0	0	0	0	0	0	239	0	0	2	0	0
[illegible]	17	0	0	0	0	0	0	17	0	0	0	0	0
[illegible]	1,791	0	0	13	33	0	0	457	0	128	481	0	0
[illegible]	93	0	0	0	0	0	0	92	0	0	1	0	0
TOTAL UNIV	28,405	10	2,974	0	1,387	0	14	24,627	71	530	6,594	0	194
[illegible], TOTAL	9,970	1,195	19	0	977	0	32	2,704	259	51	1,342	0	0
[illegible]	89	0	0	0	0	0	0	89	0	0	0	0	0
[illegible]	741	27	0	0	0	0	15	623	0	0	76	0	0
[illegible]	186	0	0	0	0	0	0	186	0	0	0	0	0
[illegible]	32	0	0	0	0	0	0	32	0	0	0	0	0
UNIV OF [illegible]	4,388	1,083	19	0	977	0	17	1,138	255	51	1,268	0	0
[illegible]	124	0	0	0	0	0	0	124	0	0	0	0	0
[illegible]	13	0	0	0	0	0	0	13	0	0	0	0	0
DIST. OF COLUMBIA, TOTAL	88,447	879	217	720	4,184	8,420	217	82,359	39	1,437	2,263	279	197
AMERICAN UNIVERSITY	2,965	0	10	0	1,365	0	0	868	0	67	334	196	0
CATHOLIC UNIV OF AMERICA	4,039	0	51	10	806	772	13	2,201	0	69	888	28	0
DIST OF COL TEACHS COL	439	0	0	0	0	0	0	415	0	2	22	0	0
[illegible] COL WASH CAMPUS	6	0	0	0	0	0	0	6	0	0	0	0	0
FEDERAL CITY COL	2,403	672	0	0	0	0	0	1,743	0	90	98	0	0
GALLAUDET COL	9,906	0	0	0	0	0	0	9,493	0	0	11	0	0
GEORGE WASHINGTON UNIV	12,498	0	20	30	1,585	593	136	8,811	39	977	406	0	145
GEORGETOWN UNIV	13,476	0	39	0	406	0	35	12,329	0	46	597	19	0
HOWARD UNIV	31,963	7	89	180	0	5,055	33	45,863	0	170	94	0	12
[illegible] COL OF MEDN	4	0	0	0	0	0	0	4	0	0	0	0	0
MOUNT VERNON COLLEGE	11	0	0	0	0	0	0	11	0	0	0	0	0
OLLETS COL	13	0	0	0	0	0	0	13	0	0	0	0	0
TRINITY COL	103	0	0	0	0	0	0	103	0	0	0	0	0
WASHINGTON TECHNICAL INST	785	0	0	0	0	0	0	911	0	0	18	36	0
FLORIDA, TOTAL	72,967	4,938	1,759	701	4,629	507	814	47,638	184	1,196	9,373	881	1,272
BAKER COL	192	0	0	0	0	0	0	192	0	0	0	0	0
[illegible]	666	0	0	0	0	0	0	666	0	0	0	0	0
[illegible]	49	0	0	0	0	0	0	49	0	0	0	0	0
[illegible]	178	0	0	0	0	0	0	178	0	0	0	0	0
[illegible]	276	0	0	0	0	0	0	276	0	0	0	0	0
[illegible]	383	0	0	0	0	0	18	365	0	0	0	0	0
[illegible]	112	0	0	0	0	0	0	110	0	0	2	0	0
[illegible]	114	0	0	0	0	0	0	114	0	0	0	0	0
[illegible]	42	0	0	0	0	0	0	42	0	0	0	0	0
[illegible]	446	0	0	0	0	0	0	446	0	0	0	0	0
[illegible]	109	0	0	0	0	0	0	109	0	0	0	0	0
FLA INTERNATIONAL UNIV	6	0	0	0	0	0	0	6	0	0	0	0	0
FLORIDA A&M & MECH UNIV	1,325	29	0	0	0	0	0	1,219	0	0	59	0	0
FLORIDA ATLANTIC UNIV	600	0	0	0	91	0	31	431	0	0	107	0	0
FLORIDA INST OF TECH	276	0	0	0	47	0	0	145	0	17	67	0	0
FLORIDA JR COL	176	0	0	0	0	0	0	176	0	0	0	0	0
FLORIDA KEYS JR COL	198	0	0	0	0	0	0	198	0	0	0	0	0
FLORIDA MEMORIAL COL	1,033	0	0	0	0	245	0	788	0	0	0	0	0
FLORIDA PRESBYTERIAN COL	287	0	0	0	0	0	0	242	0	0	45	0	0
FLORIDA SOUTHERN COL	120	0	0	0	0	0	0	120	0	0	0	0	0
FLORIDA STATE UNIV	9,629	0	1,759	34	938	0	98	1,777	0	100	2,462	183	1,122
FLORIDA TECHNOLOGICAL UNIV	665	0	0	0	60	0	0	485	0	21	94	0	0
FORT LAUDERDALE UNIV	22	0	0	0	0	0	0	22	0	0	0	0	0
GULF COAST JR COL	44	0	0	0	0	0	0	44	0	0	0	0	0
[illegible]	1,787	0	0	0	0	0	0	1,787	0	0	0	0	0
INDIAN RIVER JR COL	101	0	0	0	0	0	0	101	0	0	0	0	0
JACKSONVILLE UNIV	139	0	0	0	0	0	0	127	0	0	11	0	0
JONES COL	154	0	0	0	0	0	0	154	0	0	0	0	0
LAKE CITY COMMUNITY COLL	299	0	0	0	0	0	0	299	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
FLORIDA													
LAKE-SUMTER COMMUNITY COL	21	0	0	0	0	0	0	19	0	0	2	0	0
MANATEE JR COL	73	0	0	0	0	0	0	73	0	0	0	0	0
MARYMOUNT COL	27	0	0	0	0	0	0	27	0	0	0	0	0
MIAMI-DADE JR COL	1,319	0	0	0	0	0	0	1,288	0	0	31	0	0
NEW COL	73	0	0	0	0	0	0	52	0	0	21	0	0
NORTH FLORIDA JR COL	109	0	0	0	0	0	0	109	0	0	0	0	0
NOVA UNIV	877	11	0	0	100	0	0	220	0	4	542	0	0
OKALOOSA-WALTON JR COL	28	0	0	0	0	0	0	26	0	0	0	0	0
PALM BEACH ATLANTIC COLL	30	0	0	0	0	0	0	30	0	0	0	0	0
PALM BEACH JR COL	48	0	0	0	0	0	0	44	0	0	2	0	0
PENSACOLA JR COL	95	0	0	0	0	0	0	93	0	0	2	0	0
POLK JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
ROLLINS COL	58	0	0	0	0	0	0	58	0	0	0	0	0
SANTA FE JR COL	257	0	0	0	0	0	17	240	0	0	0	0	0
SEMINOLE JR COL	62	0	0	0	0	0	0	62	0	0	0	0	0
SOUTH FLORIDA JR COL	14	0	0	0	0	0	0	14	0	0	0	0	0
SOUTHEASTERN BIBLE COL	157	0	0	0	0	0	0	157	0	0	0	0	0
ST JOHNS RIVER JR COL	66	0	0	0	0	0	0	66	0	0	0	0	0
ST JOSEPH COL OF FLORIDA	28	0	0	0	0	0	0	28	0	0	0	0	0
ST LEO COL	21	0	0	0	0	0	0	21	0	0	0	0	0
ST PETERSBURG JR COL	364	0	0	0	0	0	0	362	0	0	2	0	0
ST UNIV SYS OF FLA	163	0	0	0	0	0	0	136	0	0	27	0	0
STETSON UNIV	303	0	0	0	0	0	0	287	0	0	16	0	0
TALLAHASSEE COMMUNITY COL	91	0	0	0	0	0	0	91	0	0	0	0	0
UNIV OF FLORIDA	23,357	4,469	384	0	998	0	633	14,066	179	562	1,916	0	150
UNIV OF MIAMI	22,848	0	328	127	2,508	262	57	14,911	0	435	3,538	698	0
UNIV OF SOUTH FLORIDA	3,893	0	0	40	35	0	0	2,580	5	19	414	0	0
UNIV OF TAMPA	58	0	0	0	0	0	0	58	0	0	0	0	0
UNIV OF WEST FLORIDA	339	0	0	0	0	0	0	284	0	38	13	0	0
VALENCIA COMMUNITY COLL	336	0	0	0	0	0	0	336	0	0	0	0	0
GEORGIA, TOTAL	57,734	7,019	1,019	411	3,549	131	995	37,675	459	880	5,015	743	238
ABRAHAM BALDWIN AGR COL	283	0	0	0	0	0	0	283	0	0	0	0	0
ALBANY JR COL	89	0	0	0	0	0	0	85	0	0	0	0	0
ALBANY STATE COL	1,032	0	0	0	0	0	0	1,032	0	0	0	0	0
ANDREW COL	12	0	0	0	0	0	0	12	0	0	0	0	0
ARMSTRONG STATE COL	244	0	0	0	0	0	0	244	0	0	0	0	0
ATLANTA BAPTIST COLLEGE	33	0	0	0	0	0	0	33	0	0	0	0	0
ATLANTA SCH OF ART	29	0	0	0	0	0	0	29	0	0	0	0	0
ATLANTA UNIV	2,170	0	0	0	0	131	0	1,723	0	0	128	150	38
ATLANTA UNIVERSITY CENTER	186	0	0	0	0	0	0	0	0	0	186	0	0
AUGUSTA COL	101	0	0	0	0	0	0	101	0	0	0	0	0
BERRY COL	207	0	0	0	0	0	0	207	0	0	0	0	0
BRETON-PARKER COL	99	0	0	0	0	0	0	99	0	0	0	0	0
BRUNSWICK JR COL	336	0	0	0	0	0	0	336	0	0	0	0	0
CLARK COL	1,438	0	0	0	0	0	0	1,397	0	0	41	0	0
CLAYTON JUNIOR COLLEGE	94	0	0	0	0	0	0	94	0	0	0	0	0
COLUMBUS COL	141	0	0	0	0	0	0	139	0	0	2	0	0
COVENANT COL	103	0	0	0	0	0	0	103	0	0	0	0	0
DALTON JR COL	33	0	0	0	0	0	0	33	0	0	0	0	0
DEKALB COL	771	0	0	0	0	0	0	771	0	0	0	0	0
EMANUEL COL	28	0	0	0	0	0	0	28	0	0	0	0	0
EMORY UNIV	11,717	0	52	0	82	0	0	10,518	0	147	918	0	0
FLOYD JUNIOR COLLEGE	15	0	0	0	0	0	0	15	0	0	0	0	0
FORT VALLEY STATE COL	492	25	0	0	0	0	0	414	0	0	13	0	0
GA COL AT MILLEDGEVILLE	184	0	0	0	0	0	0	174	0	0	10	0	0
GAINESVILLE JR COL	190	0	0	0	0	0	0	190	0	0	0	0	0
GEORGIA INST OF TECH	7,304	0	405	189	3,185	0	453	1,084	274	530	755	593	0
GEORGIA SOUTHERN COL	555	0	0	0	0	0	0	522	0	0	33	0	0
GEORGIA SOUTHWESTERN COL	163	0	0	0	0	0	0	163	0	0	0	0	0
GEORGIA STATE UNIVERSITY	957	0	0	0	39	0	0	837	0	0	81	0	0
GORDON MILITARY COL	45	0	0	0	0	0	0	45	0	0	0	0	0
INTERLOCHEN THEOL CTR	13	0	0	0	0	0	0	13	0	0	0	0	0
KENNESAW JR COL	125	0	0	0	0	0	0	125	0	0	0	0	0
LA GRANGE COL	58	0	0	0	0	0	0	58	0	0	0	0	0
MACON JR COL	16	0	0	0	0	0	0	16	0	0	0	0	0
MEDICAL COL OF GEORGIA	3,812	0	29	0	70	0	31	3,644	0	0	42	0	0
MERCER UNIV	570	0	0	0	0	0	0	542	0	0	28	0	0

SPRINGFIELD JR COL	62	0	0	0	0	0	0	62	0	0	0	0	0
SOUTH FLORIDA JR COL	14	0	0	0	0	0	0	14	0	0	0	0	0
SOUTHEASTERN BIBLE COL	157	0	0	0	0	0	0	157	0	0	0	0	0
ST JOHNS RIVER JR COL	66	0	0	0	0	0	0	66	0	0	0	0	0
ST JOSEPH COL OF FLORIDA	28	0	0	0	0	0	0	28	0	0	0	0	0
ST LEO COL	21	0	0	0	0	0	0	21	0	0	0	0	0
ST PETERSBURG JR COL	364	0	0	0	0	0	0	362	0	0	2	0	0
ST UNIV SYS OF FLA	163	0	0	0	0	0	0	136	0	0	27	0	0
STETSON UNIV	303	0	0	0	0	0	0	287	0	0	16	0	0
TALLAHASSEE COMMUNITY COL	91	0	0	0	0	0	0	91	0	0	0	0	0
UNIV OF FLORIDA	23,357	4,469	384	0	998	0	633	14,066	179	562	1,916	0	150
UNIV OF MIAMI	22,849	0	320	127	2,500	262	57	14,911	0	435	3,538	698	0
UNIV OF SOUTH FLORIDA	3,893	0	0	40	35	0	0	2,580	5	19	414	0	0
UNIV OF TAMPA	50	0	0	0	0	0	0	50	0	0	0	0	0
UNIV OF WEST FLORIDA	335	0	0	0	0	0	0	284	0	38	13	0	0
VALENCIA COMMUNITY COLL	336	0	0	0	0	0	0	336	0	0	0	0	0
GEORGIA, TOTAL	57,734	7,819	1,819	411	3,549	131	595	37,675	459	880	5,015	743	238
ABRAHAM BALDWIN AGR COL	283	0	0	0	0	0	0	283	0	0	0	0	0
ALBANY JR COL	85	0	0	0	0	0	0	85	0	0	0	0	0
ALBANY STATE COL	1,032	0	0	0	0	0	0	1,032	0	0	0	0	0
ANDREW COL	12	0	0	0	0	0	0	12	0	0	0	0	0
ARMSTRONG STATE COL	244	0	0	0	0	0	0	244	0	0	0	0	0
ATLANTA BAPTIST COLLEGE	33	0	0	0	0	0	0	33	0	0	0	0	0
ATLANTA SCH OF ART	29	0	0	0	0	0	0	29	0	0	0	0	0
ATLANTA UNIV	2,170	0	0	0	0	131	0	1,723	0	0	128	150	38
ATLANTA UNIVERSITY CENTER	186	0	0	0	0	0	0	0	0	0	186	0	0
AUGUSTA COL	101	0	0	0	0	0	0	101	0	0	0	0	0
BERRY COL	207	0	0	0	0	0	0	207	0	0	0	0	0
BRENAU-PARKER COL	92	0	0	0	0	0	0	92	0	0	0	0	0
BRUNSWICK JR COL	336	0	0	0	0	0	0	336	0	0	0	0	0
CLARK COL	1,438	0	0	0	0	0	0	1,397	0	0	41	0	0
CLAYTON JUNIOR COLLEGE	94	0	0	0	0	0	0	94	0	0	0	0	0
COLUMBUS COL	141	0	0	0	0	0	0	139	0	0	2	0	0
COVENANT COL	103	0	0	0	0	0	0	103	0	0	0	0	0
DALTON JR COL	33	0	0	0	0	0	0	33	0	0	0	0	0
DEKALB COL	771	0	0	0	0	0	0	771	0	0	0	0	0
EMANUEL COL	28	0	0	0	0	0	0	28	0	0	0	0	0
EMORY UNIV	11,717	0	92	0	82	0	0	10,518	0	147	918	0	0
FLOYD JUNIOR COLLEGE	15	0	0	0	0	0	0	15	0	0	0	0	0
FORT VALLEY STATE COL	852	25	0	0	0	0	0	814	0	0	13	0	0
GA COL AT MILLEDGEVILLE	184	0	0	0	0	0	0	174	0	0	10	0	0
GAINESVILLE JR COL	190	0	0	0	0	0	0	190	0	0	0	0	0
GEORGIA INST OF TECH	7,304	0	405	105	3,105	0	453	1,084	274	530	755	593	0
GEORGIA SOUTHERN COL	555	0	0	0	0	0	0	522	0	0	33	0	0
GEORGIA SOUTHWESTERN COL	163	0	0	0	0	0	0	163	0	0	0	0	0
GEORGIA STATE UNIVERSITY	957	0	0	0	39	0	0	837	0	0	81	0	0
GORDON MILITARY COL	45	0	0	0	0	0	0	45	0	0	0	0	0
INTERDENOMINA THEOL CTR	13	0	0	0	0	0	0	13	0	0	0	0	0
KENNESAW JR COL	125	0	0	0	0	0	0	125	0	0	0	0	0
LA GRANGE COL	58	0	0	0	0	0	0	58	0	0	0	0	0
MACON JR COL	16	0	0	0	0	0	0	16	0	0	0	0	0
MEDICAL COL OF GEORGIA	3,812	0	29	0	70	0	31	3,644	0	0	42	0	0
MERCER UNIV	570	0	0	0	0	0	0	542	0	0	28	0	0
MIDDLE GEORGIA COL	204	0	0	0	0	0	0	204	0	0	0	0	0
MORehouse COL	646	0	0	0	0	0	0	640	0	0	6	0	0
MORRIS BROWN COL	1,159	0	0	0	0	0	0	1,101	0	0	58	0	0
NORMAN COL	8	0	0	0	0	0	0	8	0	0	0	0	0
NORTH GEORGIA COL	142	0	0	0	0	0	0	89	0	0	53	0	0
OGLETHORPE COL	80	0	0	0	0	0	0	45	0	0	35	0	0
PAINE COL	1,148	0	0	0	0	0	0	1,148	0	0	0	0	0
PIEDMONT COL	78	0	0	0	0	0	0	78	0	0	0	0	0
REINHARDT COL	60	0	0	0	0	0	0	60	0	0	0	0	0
SAVANNAH STATE COL	932	0	0	0	0	0	0	742	0	0	190	0	0
SHORTER COL	23	0	0	0	0	0	0	17	0	0	6	0	0
SOUTH GEORGIA COL	353	0	0	0	0	0	0	353	0	0	0	0	0
SPELMAN COL	841	0	0	0	0	0	0	839	0	0	2	0	0
TIFT COL	221	0	0	0	0	0	0	221	0	0	0	0	0
TOCCOA FALLS INST	128	0	0	0	0	0	0	128	0	0	0	0	0

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CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
GEORGIA													
PAINE COLLEGE	16	0	0	0	0	0	0	16	0	0	0	0	0
UNIV OF GEORGIA	10,845	6,906	537	304	993	0	111	5,727	185	293	2,329	0	200
VALDOSTA ST COL	179	0	0	0	0	0	0	169	0	0	6	0	0
WESLEYAN COL	4	0	0	0	0	0	0	4	0	0	0	0	0
WEST GEORGIA COL	663	0	0	0	0	0	0	570	0	0	93	0	0
YOUNG HARRIS COL	14	0	0	0	0	0	0	14	0	0	0	0	0
HAWAII, TOTAL	19,836	1,383	605	46	1,078	340	404	8,836	133	1,056	4,469	0	500
CHAMINADE COL OF HONOLULU	670	0	0	0	0	0	0	170	0	0	0	0	500
HAWAII LOA COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
HAWAII PACIFIC COLLEGE	47	0	0	0	0	0	0	47	0	0	0	0	0
MAUNAOLU COL	108	0	0	0	0	0	0	108	0	0	0	0	0
UNIV OF HAWAII	18,811	1,383	605	46	1,078	340	404	8,811	133	1,056	4,469	0	0
IDAHO, TOTAL	6,103	1,871	84	13	113	0	48	3,199	339	28	490	0	0
BOISE STATE COLLEGE	767	0	0	0	0	0	0	767	0	0	0	0	0
COL OF IDAHO	218	0	0	0	0	0	0	163	0	0	55	0	0
COL OF SOUTHERN IDAHO	385	0	0	0	0	0	0	385	0	0	0	0	0
IDAHO STATE UNIV	1,173	0	45	0	0	0	0	1,050	0	0	78	0	0
LEWIS-CLARK NORMAL SCHOOL	119	0	0	0	0	0	0	95	0	0	20	0	0
NORTH IDAHO JR COL	151	0	0	0	0	0	0	134	0	0	17	0	0
NORTHWEST NAZARENE COL	177	0	0	0	0	0	0	156	0	0	21	0	0
UNIV OF IDAHO	3,113	1,871	13	13	113	0	48	489	339	28	299	0	0
ILLINOIS, TOTAL	154,482	6,752	9,393	324	18,938	477	987	91,234	349	5,861	19,872	360	677
ALBERTUS COL	101	0	0	0	0	0	0	108	0	0	93	0	0
ALVERNA COL	53	0	0	0	0	0	0	51	0	0	0	0	0
BARAT COLLEGE	266	0	0	0	0	0	0	266	0	0	0	0	0
BELLEVILLE AREA COLLEGE	31	0	0	0	0	0	0	31	0	0	0	0	0
BLACK HAWK COL	59	0	0	0	0	0	0	59	0	0	0	0	0
BLACKBURN COL	30	0	0	0	0	0	0	28	0	0	2	0	0
BRADLEY UNIV	352	0	0	0	0	0	0	313	0	0	17	0	0
CARL SANDBURG COL	32	0	0	0	0	0	0	32	0	0	0	0	0
CENTRAL AREA COMM COL	1,536	0	0	0	0	0	0	1,536	0	0	0	0	0
CHI COL OSTEOPATHIC MED	700	0	0	0	0	0	0	700	0	0	0	0	0
CHICAGO CONSERVATORY COL	2	0	0	0	0	0	0	2	0	0	0	0	0
CHICAGO MEDICAL SCHOOL	1,597	0	0	0	19	0	0	1,542	0	0	0	0	0
CHICAGO STATE COL	445	0	0	0	0	0	0	445	0	0	0	0	0
CITY COLLEGES OF CHICAGO	3,322	0	0	0	0	0	0	1,320	0	0	2	0	0
COL OF EL PASO	48	0	0	0	0	0	0	48	0	0	0	0	0
COLLEGE OF LAKE COUNTY	1,199	0	0	0	0	0	0	1,199	0	0	0	0	0
COLUMBIA COL	21	0	0	0	0	0	0	21	0	0	0	0	0
CONCORDIA TEACHERS COL	29	0	0	0	0	0	0	29	0	0	0	0	0
CONCORDIA THEOL SEM	4	0	0	0	0	0	0	4	0	0	0	0	0
DANVILLE JR COL	106	0	0	0	0	0	0	106	0	0	0	0	0
DEPAUL UNIV	998	0	0	0	0	0	0	904	0	0	94	0	0
EASTERN ILLINOIS UNIV	459	0	0	0	0	0	0	369	0	0	90	0	0
ELGIN COMM COL	48	0	0	0	0	0	0	48	0	0	0	0	0
ELMHURST COL	87	0	0	0	0	0	0	83	0	0	4	0	0
ELMORA COL	147	0	0	0	0	0	0	147	0	0	0	0	0
GARRETT BIBLICAL INST	11	0	0	0	0	0	0	11	0	0	0	0	0
GEORGE WILLIAMS COL	176	0	0	0	0	0	0	176	0	0	0	0	0
GEVSBURG STATE UNIV	96	0	0	0	0	0	0	96	0	0	0	0	0
GREENVILLE COL	131	0	0	0	0	0	0	129	0	0	2	0	0
HEBREW THEOL COL	34	0	0	0	0	0	0	34	0	0	0	0	0
HIGHLAND COMM COL	24	0	0	0	0	0	0	24	0	0	0	0	0
ILL COL OF PODIATRIC MED	334	0	0	0	0	0	0	334	0	0	0	0	0
ILLINOIS BENEDICTINE COL	108	0	87	0	0	0	0	64	0	0	45	0	0
ILLINOIS CENTRAL COL	138	0	0	0	0	0	0	138	0	0	0	0	0
ILLINOIS COL	38	0	0	0	0	0	0	36	0	0	2	0	0
ILLINOIS COL OF OPTOMETRY	719	0	0	0	0	0	0	719	0	0	0	0	0
ILLINOIS INST OF TECH	5,364	0	146	0	712	0	30	1,084	0	112	1,282	0	0
ILLINOIS ST UNIV	1,429	0	30	0	0	83	0	1,184	0	0	132	0	0
ILLINOIS VALLEY COM COLL	8	0	1	0	0	0	0	8	0	0	0	0	0
ILLINOIS WESLEYAN UNIV	392	0	0	0	0	0	0	245	0	0	147	0	0
JOHN A LOGAN COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
JOLIET JR COL	61	0	0	0	0	0	0	61	0	0	0	0	0
KENDALL COL	27	0	0	0	0	0	0	27	0	0	0	0	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

COL OF IDAHO	714	0	0	0	0	0	0	161	0	0	55	0	0
COL OF SOUTHERN IDAHO	305	0	0	0	0	0	0	305	0	0	0	0	0
IDAHO STATE UNIV	1,173	0	65	0	0	0	0	1,052	0	0	78	0	0
LEWIS-CLARK NORMAL SCHOOL	119	0	0	0	0	0	0	99	0	0	20	0	0
NORTH IDAHO JR COL	191	0	0	0	0	0	0	134	0	0	17	0	0
NORTHWEST NAZARENE COL	177	0	0	0	0	0	0	156	0	0	21	0	0
UNIV OF IDAHO	3,117	1,471	13	13	113	0	45	489	339	20	200	0	0
ILLINOIS, TOTAL	154,982	8,792	9,193	324	10,939	477	987	91,736	349	3,861	19,872	360	677
AUGUSTANA COL	101	0	0	0	0	0	0	108	0	0	93	0	0
AURORA COL	93	0	0	0	0	0	0	93	0	0	0	0	0
BARAT COLLEGE	266	0	0	0	0	0	0	266	0	0	0	0	0
BELLEVILLE AREA COLLEGE	31	0	0	0	0	0	0	31	0	0	0	0	0
BLACK HAWK COL	59	0	0	0	0	0	0	59	0	0	0	0	0
BLACKBURN COL	30	0	0	0	0	0	0	28	0	0	2	0	0
BRADLEY UNIV	367	0	0	0	0	0	0	313	0	0	17	0	0
CARL SANDBURG COL	32	0	0	0	0	0	0	32	0	0	0	0	0
CENTRAL AREA CORR COL	1,530	0	0	0	0	0	0	1,530	0	0	0	0	0
CHI COL OSTEOPATHIC MED	700	0	0	0	0	0	0	700	0	0	0	0	0
CHICAGO CONSERVATORY COL	2	0	0	0	0	0	0	2	0	0	0	0	0
CHICAGO MEDICAL SCHOOL	1,597	0	0	0	19	0	0	1,542	0	0	0	0	0
CHICAGO STATE COL	445	0	0	0	0	0	0	445	0	0	0	0	0
CITY COLLEGES OF CHICAGO	3,322	0	0	0	0	0	0	3,320	0	0	2	0	0
COL OF DU PAGE	40	0	0	0	0	0	0	40	0	0	0	0	0
COLLEGE OF LAKE COUNTY	1,199	0	0	0	0	0	0	1,199	0	0	0	0	0
COLUMBIA COL	21	0	0	0	0	0	0	21	0	0	0	0	0
CONCORDIA TCHRS COL	29	0	0	0	0	0	0	29	0	0	0	0	0
CONCORDIA THEOL SEM	4	0	0	0	0	0	0	4	0	0	0	0	0
DANVILLE JR COL	106	0	0	0	0	0	0	106	0	0	0	0	0
DEPAUL UNIV	998	0	0	0	0	0	0	904	0	0	94	0	0
EASTERN ILLINOIS UNIV	459	0	0	0	0	0	0	369	0	0	90	0	0
ELGIN COMM COL	47	0	0	0	0	0	0	47	0	0	0	0	0
ELMHURST COL	87	0	0	0	0	0	0	83	0	0	4	0	0
ELMHRST COL	147	0	0	0	0	0	0	147	0	0	0	0	0
GARRETT BIBLICAL INST	11	0	0	0	0	0	0	11	0	0	0	0	0
GEORGE WILLIAMS COL	178	0	0	0	0	0	0	178	0	0	0	0	0
GOVERNORS STATE UNIV	98	0	0	0	0	0	0	98	0	0	0	0	0
GREENVILLE COL	131	0	0	0	0	0	0	129	0	0	2	0	0
HOMER THEOL COL	36	0	0	0	0	0	0	36	0	0	0	0	0
HIGHLAND COMM COL	24	0	0	0	0	0	0	24	0	0	0	0	0
ILL COL OF PODIATRIC MED	336	0	0	0	0	0	0	336	0	0	0	0	0
ILLINOIS BENEDICTINE COL	198	0	27	0	0	0	0	64	0	0	45	0	0
ILLINOIS CENTRAL COL	138	0	0	0	0	0	0	138	0	0	0	0	0
ILLINOIS COL	38	0	3	0	0	0	0	36	0	0	2	0	0
ILLINOIS COL OF OPTOMETRY	719	0	0	0	0	0	0	719	0	0	0	0	0
ILLINOIS INST OF TECH	5,388	0	146	0	712	0	35	1,586	0	112	1,282	0	0
ILLINOIS ST UNIV	1,429	0	31	0	0	83	0	1,186	0	0	130	0	0
ILLINOIS VALLEY COM COLL	8	0	0	0	0	0	0	8	0	0	0	0	0
ILLINOIS WESLEYAN UNIV	387	0	0	0	0	0	0	240	0	0	147	0	0
JOHN A LOGAN COLLEGE	9	0	0	0	0	0	0	9	0	0	0	0	0
JOLIET JR COL	81	0	0	0	0	0	0	81	0	0	0	0	0
JUDSON COL	87	0	0	0	0	0	0	87	0	0	0	0	0
KANKAKEE COMMUNITY COL	6	0	0	0	0	0	0	6	0	0	0	0	0
KASKASKIA COL	36	0	0	0	0	0	0	36	0	0	0	0	0
KENDALL COL	103	0	0	0	0	0	0	103	0	0	0	0	0
KISHWAUKEE COL	45	0	0	0	0	0	0	45	0	0	0	0	0
KNOX COL	360	0	0	0	0	0	0	190	0	0	170	0	0
LAKE FOREST COL	178	0	0	0	0	0	0	123	0	0	54	0	0
LAKE LAND COL	47	0	0	0	0	0	0	47	0	0	0	0	0
LEWIS COL	723	0	0	0	0	0	0	714	0	0	9	0	0
LINCOLN CHRISTIAN COL	13	0	0	0	0	0	0	13	0	0	0	0	0
LINCOLN COL	17	0	0	0	0	0	0	17	0	0	0	0	0
LINCOLN LAND JR COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0	0
LOYOLA UNIV	5,040	0	43	0	41	0	0	5,945	0	0	210	0	11
MACCORMAC COL	16	0	0	0	0	0	0	16	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEN	EPA	HEW	INT	NASA	NSF	DOT	OTHER
ILLINOIS													
MACMURRAY COL	217	0	0	0	0	0	0	193	0	0	24	0	0
MARYCREST COL	3	0	0	0	0	0	0	3	0	0	0	0	0
MCHENRY COUNTY COL	10	0	0	0	0	0	0	10	0	0	0	0	0
MCKENDREE COL	48	0	0	0	0	0	0	48	0	0	0	0	0
MILLIKIN UNIV	92	0	0	0	0	0	0	92	0	0	0	0	0
MONMOUTH COL	140	0	0	0	0	0	0	140	0	0	0	0	0
MORAINE VALLEY COMM COLL	41	0	0	0	0	0	0	41	0	0	0	0	0
MUNDELEIN COL	212	0	0	0	0	0	0	212	0	0	0	0	0
NAT COL OF EDUCATION	190	0	0	0	0	0	0	190	0	0	0	0	0
NORTH CENTRAL COL	94	0	0	0	0	0	0	91	0	0	3	0	0
NORTH PARK COL THEOL SEM	98	0	0	0	0	0	0	98	0	0	0	0	0
NORTHEASTERN ILL ST COL	527	0	0	0	0	0	0	482	0	0	45	0	0
NORTHERN BAPT THEOL SEM	1	0	0	0	0	0	0	1	0	0	0	0	0
NORTHERN ILLINOIS UNIV	2,703	0	0	0	58	0	0	1,739	0	0	910	0	0
NORTHWESTERN UNIV	22,748	0	184	0	1,482	295	321	15,411	99	1,436	2,782	179	0
OLIVET NAZARENE COL	179	0	0	0	0	0	0	179	0	0	0	0	0
OLNEY CENTRAL COLLEGE	147	0	0	0	0	0	0	147	0	0	0	0	0
PARKLAND COL	71	0	0	0	0	0	0	71	0	0	0	0	0
PRAIRIE STATE COL	127	0	0	0	0	0	0	127	0	0	0	0	0
QUINCY COL	109	0	0	0	0	0	0	109	0	0	0	0	0
REND LAKE COL	20	0	0	0	0	0	0	20	0	0	0	0	0
ROBERT MORRIS COL	29	0	0	0	0	0	0	29	0	0	0	0	0
ROCK VALLEY COL	80	0	0	0	0	0	0	80	0	0	0	0	0
ROOSEVELT UNIV	542	0	0	0	0	0	0	496	0	0	46	0	0
ROSARY COL	69	0	0	0	0	0	0	69	0	0	0	0	0
SANGAMON STATE UNIVERSITY	67	0	0	0	0	0	0	67	0	0	0	0	0
SAUK VALLEY COL	111	0	0	0	0	0	0	111	0	0	0	0	0
SCHOOLS OF THE ART INST	60	0	0	0	0	0	0	60	0	0	0	0	0
SPRINGFIELD COLLEGE	90	0	0	0	0	0	0	90	0	0	0	0	0
SPOON RIVER COLLEGE	19	0	0	0	0	0	0	19	0	0	0	0	0
SOUTHEASTERN ILLINOIS COL	19	0	0	0	1	0	0	19	0	0	0	0	0
SOUTHERN ILL UNIVERSITY AT	2,529	39	0	0	0	0	42	2,058	6	0	380	0	0
SOUTHERN ILL UNIVERSITY AT	941	0	0	0	0	0	0	900	0	0	41	0	0
SPERTUS COLL OF JUDAICA	21	0	0	0	0	0	0	21	0	0	0	0	0
SPOON RIVER COLLEGE	30	0	0	0	0	0	0	30	0	0	0	0	0
ST XAVIER COL	342	0	0	0	0	0	0	342	0	0	0	0	0
THORNTON COMMUNITY COL	162	0	0	0	0	0	0	162	0	0	0	0	0
TELLENTINE COL	11	0	0	0	0	0	0	11	0	0	0	0	0
TRINITY CHRISTIAN COL	92	0	0	0	0	0	0	92	0	0	0	0	0
TRINITY COL	196	0	0	0	0	0	0	194	0	0	2	0	0
TRITON COL	272	0	0	0	0	0	0	272	0	0	0	0	0
UNIV OF CHICAGO	37,419	0	4,772*	324	1,458	0	89	21,587	0	3,523	4,523	0	93
UNIV OF ILL CEN ST	16	0	0	0	0	0	0	0	0	0	16	0	0
UNIV OF ILLINOIS-CHGO CIR	2,706	0	36	0	521	0	48	1,489	20	39	539	150	0
UNIV OF ILLINOIS-MED CTR	8,715	0	0	0	19	0	0	8,544	0	0	154	0	0
UNIV OF ILLINOIS-URBANA	44,344	8,709	4,781	0	14,159	144	441	10,587	290	759	4,491	39	973
WABASH VALLEY COL	78	0	0	0	0	0	0	78	0	0	0	0	0
WAUBONSEE COMMUNITY COL	11	0	0	0	0	0	0	11	0	0	0	0	0
WESTERN ILLINOIS UNIV	303	0	0	0	0	0	15	134	0	0	193	0	0
WHEATON COL	93	0	0	0	0	0	0	89	0	0	4	0	0
WILLIAM RAINEY HARPER COL	69	0	0	0	0	0	0	69	0	0	0	0	0
WINSTON CHURCHILL COL	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIANA, TOTAL	64,733	5,475	5,422	107	2,483	0	502	34,928	243	3,071	10,911	287	1,392
ANCILLA DOMINI COL	2	0	0	0	0	0	0	2	0	0	0	0	0
ANDERSON COL	789	0	0	0	0	0	0	789	0	0	0	0	0
BALL STATE UNIV	1,061	0	0	0	0	0	0	924	0	0	136	0	0
BETHEL COL	37	0	0	0	0	0	0	37	0	0	0	0	0
BUTLER UNIV	128	0	0	0	0	0	0	99	0	0	29	0	0
CHRISTIAN THEOL SEM	142	0	0	0	0	0	0	142	0	0	0	0	0
DEPAUW UNIV	328	0	0	0	0	0	0	140	0	0	188	0	0
EARLHAM COL	367	0	0	0	0	0	0	291	0	0	71	0	0
FORT WAYNE ART INSTITUTE	25	0	0	0	0	0	0	25	0	0	0	0	0
FORT WAYNE BIBLE COL	4	0	0	0	0	0	0	4	0	0	0	0	0
FRANKLIN COL	101	0	0	0	0	0	0	101	0	0	0	0	0
GOSHEN COL	284	0	0	0	0	0	0	284	0	0	0	0	0
GRACE THEOL SEM	104	0	0	0	0	0	0	104	0	0	0	0	0

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
REND LAKE COL	25	0	0	0	0	0	0	21	0	0	0	0	0
ROBERT MORRIS COL	25	0	0	0	0	0	0	25	0	0	0	0	0
ROCK VALLEY COL	89	0	0	0	0	0	0	89	0	0	0	0	0
ROOSEVELT UNIV	542	0	0	0	0	0	0	494	0	0	48	0	0
ROSARY COL	69	0	0	0	0	0	0	69	0	0	0	0	0
SANGAMON STATE UNIVERSITY	67	0	0	0	0	0	0	67	0	0	0	0	0
SAUK VALLEY COL	111	0	0	0	0	0	0	111	0	0	0	0	0
SCHOOLS OF THE ART INST	60	0	0	0	0	0	0	60	0	0	0	0	0
SHAWNEE COLLEGE	59	0	0	0	0	0	0	59	0	0	0	0	0
SHIMER COL	15	0	0	0	0	0	0	13	0	0	0	0	0
SOUTHEASTERN ILLINOIS COL	15	0	0	0	1	0	0	15	0	0	0	0	0
SOUTHERN ILL UNIVCARBONDALE	2,525	39	0	0	0	0	42	2,158	6	0	380	0	0
SOUTHERN ILL UNIVEDWARDSVILLE	981	0	0	0	0	0	0	900	0	0	41	0	0
SPERTUS COLL OF JUDAICA	21	0	0	0	0	0	0	21	0	0	0	0	0
SPOON RIVER COLLEGE	39	0	0	0	0	0	0	39	0	0	0	0	0
ST XAVIER COL	347	0	0	0	0	0	0	347	0	0	0	0	0
TAZEWELL COMMUNITY COL	167	0	0	0	0	0	0	167	0	0	0	0	0
TELLENTIRE COL	11	0	0	0	0	0	0	11	0	0	0	0	0
TRINITY CHRISTIAN COL	57	0	0	0	0	0	0	53	0	0	0	0	0
TRINITY COL	158	0	0	0	0	0	0	154	0	0	2	0	0
TRITON COL	272	0	0	0	0	0	0	272	0	0	0	0	0
UNIV OF CHICAGO	37,819	0	8,772*	324	1,456	0	89	21,037	0	3,523	8,323	0	93
UNIV OF ILL CEN BSC	16	0	0	0	0	0	0	0	0	0	16	0	0
UNIV OF ILLINOIS-CHICAGO CIR	2,766	0	30	0	521	0	48	1,403	20	35	939	150	0
UNIV OF ILLINOIS-MED CTR	5,715	0	0	0	17	0	0	4,544	0	0	154	0	0
UNIV OF ILLINOIS-URBANA	44,268	8,709	8,581	0	14,159	144	441	17,587	299	795	8,481	39	973
WABASH VALLEY COL	79	0	0	0	0	0	0	79	0	0	0	0	0
WAUBONSEE COMMUNITY COL	11	0	0	0	0	0	0	11	0	0	0	0	0
WESTERN ILLINOIS UNIV	303	0	0	0	0	0	18	134	0	0	153	0	0
WHEATON COL	63	0	0	0	0	0	0	59	0	0	4	0	0
WILLIAM RAINEY HARPER COL	69	0	0	0	0	0	0	69	0	0	0	0	0
WINSTON CHURCHILL COL	0	0	0	0	0	0	0	0	0	0	0	0	0
ILLINOIS, TOTAL	66,773	8,835	17,422	180	22,483	0	502	38,928	243	3,071	18,911	287	1,352
ANCILLA DOMINI COL	2	0	0	0	0	0	0	2	0	0	0	0	0
ANDERSON COL	785	0	0	0	0	0	0	785	0	0	0	0	0
BALL STATE UNIV	1,060	0	0	0	0	0	0	924	0	0	136	0	0
BETHEL COL	37	0	0	0	0	0	0	37	0	0	0	0	0
BUTLER UNIV	128	0	0	0	0	0	0	99	0	0	29	0	0
CHRISTIAN THEOL SEM	147	0	0	0	0	0	0	147	0	0	0	0	0
DEPAUW UNIV	328	0	0	0	0	0	0	140	0	0	188	0	0
EARLHAM COL	362	0	0	0	0	0	0	291	0	0	71	0	0
FORT WAYNE ART INSTITUTE	25	0	0	0	0	0	0	25	0	0	0	0	0
FORT WAYNE BIBLE COL	4	0	0	0	0	0	0	4	0	0	0	0	0
FRANKLIN COL	101	0	0	0	0	0	0	101	0	0	0	0	0
GOSHEN COL	284	0	0	0	0	0	0	284	0	0	0	0	0
GRACE THEOL SEM	106	0	0	0	0	0	0	106	0	0	0	0	0
HOLY CROSS JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
HUNTINGTON COL	119	0	0	0	0	0	0	119	0	0	0	0	0
IND UNIV SE SYS	63	1	0	0	0	0	15	47	0	0	0	0	0
INDIANA CENTRAL COL	79	1	0	0	0	0	0	78	0	0	0	0	0
INDIANA INST OF TECH	68	0	0	0	0	0	0	29	0	0	39	0	0
INDIANA STATE UNIV	1,673	0	0	0	0	0	0	1,438	0	0	69	0	0
INDIANA UNIV-NORTHWEST	13,497	0	224	0	259	0	96	9,424	14	296	3,345	209	450
INDIANA UNIV-INDIANAPOLIS	12,436	0	0	0	0	0	0	12,288	0	0	148	0	0
INDIANA UNIV-KOKOMO	16	0	0	0	0	0	0	16	0	0	0	0	0
INDIANA UNIV-NORTHWEST	329	0	0	0	0	0	0	170	0	0	59	0	0
INDIANA UNIV-SOUTH BEND	81	0	0	0	0	0	0	81	0	0	0	0	0
INDIANA UNIV-SOUTHEAST	95	0	0	0	0	0	0	95	0	0	0	0	0
MANCHESTER COL	139	0	0	0	0	0	0	139	0	0	0	0	0
MARIAN COL	181	0	0	0	0	0	0	181	0	0	0	0	0
MARION COL	213	0	0	0	0	0	0	213	0	0	0	0	0
OAKLAND CITY COL	67	0	0	0	0	0	0	67	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DES	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
INDIANA													
PURDUE UNIV	24,463	5,474	1,484	105	1,961	0	306	7,213	209	2,745	3,939	78	790
RENSSELAER INST OF TECH	78	0	0	0	0	0	0	78	0	0	4	0	0
ST FRANCIS COL	78	0	0	0	0	0	0	78	0	0	0	0	0
ST JOSEPHS COL	193	0	0	0	0	0	0	193	0	0	0	0	0
ST MARY-OF-THE-WOODS COL	36	0	0	0	0	0	0	36	0	0	0	0	0
ST MARYS COL	65	0	0	0	0	0	0	63	0	0	2	0	0
ST MEINRAD COL	23	0	0	0	0	0	0	23	0	0	0	0	0
ST MEINRAD SCH - THEOLOGY	6	0	0	0	0	0	0	6	0	0	0	0	0
TAYLOR UNIV	169	0	0	0	0	0	0	167	0	0	2	0	0
TRI-ST COL	75	0	0	0	0	0	0	73	0	0	2	0	0
UNIV OF EVANSVILLE	397	0	0	0	0	0	0	397	0	0	0	0	0
UNIV OF NOTRE DAME	6,491	0	1,937	0	960	0	105	1,815	0	30	2,777	0	152
VALPARAISO UNIV	431	0	0	0	0	0	0	320	0	0	111	0	0
VILLANOVA UNIV	490	0	0	0	0	0	0	490	0	0	0	0	0
WABASH COL	32	0	0	0	0	0	0	30	0	0	2	0	0
IOWA, TOTAL	53,292	5,379	87	0	1,831	0	449	37,821	351	2,073	5,505	146	38
AMER INST OF BUSINESS	20	0	0	0	0	0	0	20	0	0	0	0	0
AMES BIB COMMUNITY COL	477	0	0	0	0	0	0	477	0	0	0	0	0
BRIAR CLIFF COL	337	0	0	0	0	0	0	337	0	0	0	0	0
BUENA VISTA COL	121	0	0	0	0	0	0	121	0	0	0	0	0
CENTRAL COL	374	0	0	0	0	0	0	283	0	0	91	0	0
CLARKE COL	26	0	0	0	0	0	0	24	0	0	42	0	0
COE COL	180	0	0	0	0	0	0	149	0	0	31	0	0
COL OF OSTEOPATH MED SURG	998	0	0	0	0	0	0	998	0	0	0	0	0
CORNELL COL	65	0	0	0	0	0	0	47	0	0	18	0	0
DES MOINES AREA CC-ANKENY	192	0	0	0	0	0	0	192	0	0	0	0	0
DIVINE WORD COL	26	0	0	0	0	0	0	26	0	0	0	0	0
DORDT COL	157	0	0	0	0	0	0	147	0	0	10	0	0
DRAKE UNIV	938	0	0	0	0	0	0	801	0	0	137	0	0
EASTERN IOWA COMM COL	181	0	0	0	0	0	0	181	0	0	0	0	0
GRACELAND COL	211	0	0	0	0	0	0	211	0	0	0	0	0
GRAND VIEW COL	40	0	0	0	0	0	0	40	0	0	0	0	0
GRINNELL COL	184	0	0	0	0	0	0	90	0	0	94	0	0
INDIAN HILLS COMMUNITY CO	15	0	0	0	0	0	0	15	0	0	0	0	0
IOWA CENTRAL COMM COL	77	0	0	0	0	0	0	75	0	0	2	0	0
IOWA LAKES COMMUNITY COL	412	0	0	0	0	0	0	412	0	0	0	0	0
IOWA ST U OF SCIENCE&TECH	17,369	5,379	29	0	983	0	193	9,997	298	45	904	0	38
IOWA WESLEYAN COL	110	0	0	0	0	0	0	78	0	0	32	0	0
IOWA WESTERN COMM COL	61	0	0	0	0	0	0	61	0	0	0	0	0
KIRKWOOD COMMUNITY COLL	148	0	0	0	0	0	0	148	0	0	0	0	0
LORAS COL	184	0	0	0	0	0	0	175	0	0	9	0	0
LUTHER COL	748	0	0	0	0	0	0	430	0	0	318	0	0
MARYCREST COL	1,799	0	0	0	0	0	0	1,770	0	0	29	0	0
MORNINGSIDE COL	211	0	0	0	0	0	0	211	0	0	0	0	0
MT PLEAS COL	239	0	0	0	0	0	0	239	0	0	0	0	0
MT ST CLARE COL	15	0	0	0	0	0	0	15	0	0	0	0	0
NORTH IOWA AREA COMM COL	103	0	0	0	0	0	0	103	0	0	0	0	0
NORTHEASTERN COL	122	0	0	0	0	0	0	122	0	0	0	0	0
NW IOWA VOCATIONAL SCHOOL	19	0	0	0	0	0	0	19	0	0	0	0	0
OTTUMWA HEIGHTS COL	132	0	0	0	0	0	0	132	0	0	0	0	0
PARSONS COL	94	0	0	0	0	0	0	94	0	0	0	0	0
SIMPSON COL	183	0	0	0	0	0	0	174	0	0	9	0	0
SOUTHEASTERN IOWA CTR CTL	404	0	0	0	0	0	0	404	0	0	0	0	0
SOUTHWESTERN COMM COLLEGE	22	0	0	0	0	0	0	22	0	0	0	0	0
ST AMBROSE COL	75	0	0	0	0	0	0	75	0	0	0	0	0
UNIV OF DUBUQUE	112	0	0	0	0	0	0	81	0	0	31	0	0
UNIV OF IOWA	24,914	0	58	0	1,448	0	149	17,798	53	2,023	3,483	146	0
UNIV OF NORTHERN IOWA	1,729	0	0	0	0	0	0	743	0	0	295	0	0
UPPER IOWA UNIV	135	0	0	0	0	0	0	135	0	0	0	0	0
WAYNE COL	60	0	0	0	0	0	0	60	0	0	0	0	0
WILLIAM PENN COL	90	0	0	0	0	0	0	90	0	0	0	0	0
WARTBURG COL	177	0	0	0	0	0	0	172	0	5	0	0	0
WESTERN IOWA TECH	9	0	0	0	0	0	0	9	0	0	0	0	0
WESTMAR COL	137	0	0	0	0	0	0	137	0	0	0	0	0
WILLIAM PENN COL	55	0	0	0	0	0	0	55	0	0	0	0	0

AREA UNIT OF CLINICS	21	0	0	0	0	0	0	21	0	0	0	0	0
AREA 10 COMMUNITY COL	477	0	0	0	0	0	0	477	0	0	0	0	0
BRIAR CLIFF COL	337	0	0	0	0	0	0	337	0	0	0	0	0
BUENA VISTA COL	121	0	0	0	0	0	0	121	0	0	0	0	0
CENTRAL COL	334	0	0	0	0	0	0	283	0	0	51	0	0
CLARKE COL	88	0	0	0	0	0	0	24	0	0	62	0	0
COE COL	180	0	0	0	0	0	0	149	0	0	31	0	0
COL OF OSTEOPATH MED SURG	996	0	0	0	0	0	0	996	0	0	0	0	0
CORNELL COL	65	0	0	0	0	0	0	47	0	0	18	0	0
DES MOINES AREA CC-ANKENY	192	0	0	0	0	0	0	192	0	0	0	0	0
DIVINE WORD COL	26	0	0	0	0	0	0	26	0	0	0	0	0
DORDT COL	157	0	0	0	0	0	0	147	0	0	10	0	0
DRAKE UNIV	938	0	0	0	0	0	0	801	0	0	137	0	0
EASTERN IOWA COMM COL	181	0	0	0	0	0	0	181	0	0	0	0	0
GRACELAND COL	711	0	0	0	0	0	0	711	0	0	0	0	0
GRAND VIEW COL	49	0	0	0	0	0	0	49	0	0	0	0	0
GRINNELL COL	144	0	0	0	0	0	0	50	0	0	94	0	0
INDIAN HILLS COMMUNITY CO	15	0	0	0	0	0	0	15	0	0	0	0	0
IOWA CENTRAL COMM COL	77	0	0	0	0	0	0	75	0	0	2	0	0
IOWA LAKES COMMUNITY COL	412	0	0	0	0	0	0	412	0	0	0	0	0
IOWA ST U OF SCIENCE&TECH	17,389	5,379	29	0	583	0	109	9,997	298	45	904	0	38
IOWA WESLEYAN COL	110	0	0	0	0	0	0	78	0	0	32	0	0
IOWA WESTERN COMM COL	61	0	0	0	0	0	0	61	0	0	0	0	0
KIRKWOOD COMMUNITY COLL	146	0	0	0	0	0	0	146	0	0	0	0	0
LORAS COL	164	0	0	0	0	0	0	155	0	0	9	0	0
LUTHER COL	748	0	0	0	0	0	0	430	0	0	318	0	0
MARYCREST COL	1,399	0	0	0	0	0	0	1,370	0	0	29	0	0
MORNINGSIDE COL	211	0	0	0	0	0	0	211	0	0	0	0	0
MT MERCY COL	239	0	0	0	0	0	0	239	0	0	0	0	0
MT ST CLARE COL	15	0	0	0	0	0	0	15	0	0	0	0	0
NORTH IOWA AREA COMM COL	103	0	0	0	0	0	0	103	0	0	0	0	0
NORTHWESTERN COL	122	0	0	0	0	0	0	122	0	0	0	0	0
NW IOWA VOCATIONAL SCHOOL	19	0	0	0	0	0	0	19	0	0	0	0	0
OTTUMWA HEIGHTS COL	132	0	0	0	0	0	0	132	0	0	0	0	0
PARSONS COL	94	0	0	0	0	0	0	94	0	0	0	0	0
SIMPSON COL	163	0	0	0	0	0	0	154	0	0	9	0	0
SOUTHEASTERN IOWA COM COL	404	0	0	0	0	0	0	404	0	0	0	0	0
SOUTHWESTERN COMM COLLEGE	22	0	0	0	0	0	0	22	0	0	0	0	0
ST AMBROSE COL	75	0	0	0	0	0	0	75	0	0	0	0	0
UNIV OF DUBUQUE	112	0	0	0	0	0	0	81	0	0	31	0	0
UNIV OF IOWA	24,914	0	58	0	1,048	0	345	17,758	53	2,023	3,483	146	0
UNIV OF NORTHERN IOWA	1,028	0	0	0	0	0	0	743	0	0	285	0	0
UPPER IOWA UNIV	135	0	0	0	0	0	0	135	0	0	0	0	0
VENNARD COL	60	0	0	0	0	0	0	60	0	0	0	0	0
WALDORF COL	90	0	0	0	0	0	0	90	0	0	0	0	0
WARTBURG COL	177	0	0	0	0	0	0	172	0	5	0	0	0
WESTERN IOWA TECH	9	0	0	0	0	0	0	9	0	0	0	0	0
WESTMAR COL	137	0	0	0	0	0	0	137	0	0	0	0	0
WILLIAM PENN COL	55	0	0	0	0	0	0	55	0	0	0	0	0
KANSAS, TOTAL	34,427	3,526	431	0	415	0	146	25,655	336	764	3,028	0	121
ALLEN COUNTY COMM JR COL	16	0	0	0	0	0	0	16	0	0	0	0	0
BARBER UNIV	34	0	0	0	0	0	0	34	0	0	0	0	0
BARTON CNTY COMM JR COL	62	0	0	0	0	0	0	62	0	0	0	0	0
BENEDICTINE COLLEGE	268	0	0	0	0	0	0	248	0	0	20	0	0
BETHANY COL	38	0	0	0	0	0	0	38	0	0	0	0	0
BETHEL COL	351	0	0	0	0	0	0	351	0	0	0	0	0
BUTLER COUNTY COMM JR COL	53	0	0	0	0	0	0	53	0	0	0	0	0
CENTRAL COL	45	0	0	0	0	0	0	45	0	0	0	0	0
CLOUD COUNTY COMM JR COL	38	0	0	0	0	0	0	38	0	0	0	0	0
COFFEYVILLE COMM JR COL	43	0	0	0	0	0	0	43	0	0	0	0	0
COL OF EMPORIA	91	0	0	0	0	0	0	89	0	0	2	0	0
COLBY COMM JR COL	53	0	0	0	0	0	0	53	0	0	0	0	0
COWLEY COUNTY COMM JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
DODGE CITY COMM JR COL	137	0	0	0	0	0	0	137	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER
KANSAS													
BETHANY COL	28	0	0	0	0	0	0	28	0	0	0	0	0
FORT HAYS KANSAS ST COL	942	0	0	0	0	0	0	938	0	0	4	0	0
FORT SCOTT COMM JR COL	93	0	0	0	0	0	0	93	0	0	0	0	0
FRIENDS BIBLE COL	6	0	0	0	0	0	0	6	0	0	0	0	0
FRIENDS UNIV	119	0	0	0	0	0	0	119	0	0	0	0	0
GARDEN CITY COMM JR COL	23	0	0	0	0	0	0	23	0	0	0	0	0
HESSTON COL	66	0	0	0	0	0	0	66	0	0	0	0	0
HIGHLAND COMM JR COL	10	0	0	0	0	0	0	10	0	0	0	0	0
HUTCHINSON COMM JR COL	134	0	0	0	0	0	0	134	0	0	0	0	0
INDEPENDENCE COMM JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0
JOHNSON CO COMMUNITY COLL	479	0	0	0	0	0	0	479	0	0	0	0	0
KANS CITY KANS COM JR COL	47	0	0	0	0	0	0	47	0	0	0	0	0
KANS ST COL OF PITTSBURG	481	0	0	0	0	0	0	381	0	0	100	0	0
KANSAS STATE TCHRS COL	956	0	0	0	0	0	0	709	0	0	248	0	0
KANSAS STATE UNIV	9,855	3,524	211	0	133	0	77	4,831	198	21	937	0	121
KANSAS TECHNICAL INST	16	0	0	0	0	0	0	16	0	0	0	0	0
KANSAS WESLEYAN UNIV	99	0	0	0	0	0	0	97	0	0	2	0	0
LABETTE COMM JR COL	22	0	0	0	0	0	0	22	0	0	0	0	0
MANHATTAN BIBLE COL	22	0	0	0	0	0	0	22	0	0	0	0	0
MARYMOUNT COL	268	0	0	0	0	0	0	268	0	0	0	0	0
MCPHERSON COL	43	0	0	0	0	0	0	37	0	0	6	0	0
MID-AMERICAN NAZARENE COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MILTONVALE WESLEYAN COL	14	0	0	0	0	0	0	14	0	0	0	0	0
NEOSHO COUNTY COMM JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0
OTTAWA UNIV	141	0	0	0	0	0	0	141	0	0	0	0	0
PRATT COMM JR COL	23	0	0	0	0	0	0	23	0	0	0	0	0
SACRED HEART COL	238	0	0	0	0	0	0	238	0	0	0	0	0
SEWARD CO COMMUNITY JR COL	47	0	0	0	0	0	0	47	0	0	0	0	0
SOUTHWESTERN COL	64	0	0	0	0	0	0	53	0	0	11	0	0
ST JOHNS COL	9	0	0	0	0	0	0	9	0	0	0	0	0
ST MARY COL	95	0	0	0	0	0	0	95	0	0	0	0	0
ST MARY OF THE PLAINS COL	59	0	0	0	0	0	0	59	0	0	0	0	0
STERLING COL	65	0	0	0	0	0	0	65	0	0	0	0	0
TABOR COL	72	0	0	0	0	0	0	72	0	0	0	0	0
UNIV OF KANSAS	17,138	0	406	0	192	0	89	14,046	139	685	1,600	0	0
WASHBURN UNIV OF TOPEKA	302	0	0	0	0	0	0	239	0	0	67	0	0
WICHITA STATE UNIV	1,078	0	29	0	95	0	0	871	0	98	31	0	0
KENTUCKY, TOTAL	35,877	7,787	86	104	942	735	236	24,153	368	278	1,561	0	527
ALICE LLOYD COL	454	0	0	0	0	0	0	454	0	0	0	0	0
ASBURY COL	66	0	0	0	0	0	0	39	0	0	27	0	0
ASBURY THEOL SEM	16	0	0	0	0	0	0	16	0	0	0	0	0
BELLARMINE-URSULINE COL	419	0	0	0	32	0	0	369	0	0	18	0	0
BEREA COL	581	0	0	0	0	0	0	581	0	0	0	0	0
BRESCIA COL	69	0	0	0	0	0	0	69	0	0	0	0	0
CAMPBELLSVILLE COL	160	0	0	0	0	0	0	160	0	0	0	0	0
CENTRE COL OF KENTUCKY	78	0	0	0	0	0	0	63	0	0	15	0	0
CUMBERLAND COL	283	0	0	0	0	0	0	281	0	0	2	0	0
EASTERN KENTUCKY UNIV	1,605	0	0	0	0	0	0	1,305	0	0	300	0	0
GEORGETOWN COL	82	0	0	0	0	0	0	74	0	0	8	0	0
KENTUCKY STATE COL	812	19	0	0	0	95	0	688	0	0	10	0	0
KENTUCKY WESLEYAN COL	38	0	0	0	0	0	0	38	0	0	0	0	0
LEES JR COL	619	0	0	0	0	0	0	619	0	0	0	0	0
LOUISVILLE PRES THEOL SEM	12	0	0	0	0	0	0	12	0	0	0	0	0
MIDWAY JR COL	289	0	0	0	0	0	0	289	0	0	0	0	0
MOREHEAD STATE UNIV	1,782	0	7	0	0	240	0	1,457	0	0	78	0	0
MURRAY STATE UNIV	740	0	0	0	0	0	0	629	0	0	111	0	0
PIKEVILLE COL	118	0	0	0	0	0	0	118	0	0	0	0	0
SEMINARY OF ST PIUS X	5	0	0	0	0	0	0	5	0	0	0	0	0
SOUTHEASTN CHRISTIAN COL	12	0	0	0	0	0	0	12	0	0	0	0	0
SPALDING COLLEGE	328	0	0	0	0	0	0	328	0	0	0	0	0
ST CATHARINE COL	28	0	0	0	0	0	0	28	0	0	0	0	0
ULE BENNETT COL	23	0	0	0	0	0	0	23	0	0	0	0	0
THOMAS MORE COL	190	0	0	0	0	0	0	141	0	0	49	0	0

[illegible]	27	0	0	0	0	0	0	27	1	0	0	0	0
MARYMOUNT COL	268	0	0	0	0	0	0	268	0	0	0	0	0
MCPHERSON COL	43	0	0	0	0	0	0	37	0	0	6	0	0
MID-AMERICAN NAZARENE COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MILTONVALE WESLEYAN COL	14	0	0	0	0	0	0	14	0	0	0	0	0
NEOSHO COUNTY COMM JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0
OTTAWA UNIV	141	0	0	0	0	0	0	141	0	0	0	0	0
PRATT COMM JR COL	23	0	0	0	0	0	0	23	0	0	0	0	0
SACRED HEART COL	238	0	0	0	0	0	0	238	0	0	0	0	0
SEWARD CO COMMUNITY JR COL	47	0	0	0	0	0	0	47	0	0	0	0	0
SOUTHWESTERN COL	64	0	0	0	0	0	0	53	0	0	11	0	0
ST JOHNS COL	9	0	0	0	0	0	0	9	0	0	0	0	0
ST MARY COL	99	0	0	0	0	0	0	99	0	0	0	0	0
ST MARY OF THE PLAINS COL	99	0	0	0	0	0	0	99	0	0	0	0	0
STERLING COL	69	0	0	0	0	0	0	69	0	0	0	0	0
TABOR COL	72	0	0	0	0	0	0	72	0	0	0	0	0
UNIV OF KANSAS	17,139	0	405	0	199	0	69	14,044	139	695	1,600	0	0
WASHBURN UNIV OF TOPEKA	302	0	0	0	0	0	0	235	0	0	67	0	0
WICHITA STATE UNIV	1,070	0	28	0	90	0	0	871	0	58	31	0	0
KENTUCKY, TOTAL	35,877	7,287	84	104	947	735	236	24,193	348	278	1,961	0	527
ALICE LLOYD COL	494	0	0	0	0	0	0	494	0	0	0	0	0
ASBURY COL	66	0	0	0	0	0	0	39	0	0	27	0	0
ASBURY THEOL SEM	16	0	0	0	0	0	0	16	0	0	0	0	0
BELLARMINE-HOBILLING COL	419	0	0	0	32	0	0	369	0	0	18	0	0
BEREA COL	981	0	0	0	0	0	0	981	0	0	0	0	0
BRESCIA COL	69	0	0	0	0	0	0	69	0	0	0	0	0
CAMPBELLSVILLE COL	180	0	0	0	0	0	0	180	0	0	0	0	0
CENTRE COL OF KENTUCKY	78	0	0	0	0	0	0	63	0	0	15	0	0
CLEVELAND COL	283	0	0	0	0	0	0	281	0	0	2	0	0
EASTERN KENTUCKY UNIV	1,609	0	0	0	0	0	0	1,309	0	0	300	0	0
GEORGETOWN COL	82	0	0	0	0	0	0	74	0	0	8	0	0
KENTUCKY STATE COL	812	19	0	0	0	95	0	688	0	0	10	0	0
KENTUCKY WESLEYAN COL	36	0	0	0	0	0	0	36	0	0	0	0	0
LEES JR COL	619	0	0	0	0	0	0	619	0	0	0	0	0
LOUISVILLE PRES THEOL SEM	12	0	0	0	0	0	0	12	0	0	0	0	0
MIDWAY JR COL	280	0	0	0	0	0	0	280	0	0	0	0	0
MOREHEAD STATE UNIV	1,782	0	7	0	0	245	0	1,457	0	0	78	0	0
MURRAY STATE UNIV	740	0	0	0	0	0	0	629	0	0	111	0	0
PIKEVILLE COL	118	0	0	0	0	0	0	118	0	0	0	0	0
SEMINARY OF ST PIUS X	5	0	0	0	0	0	0	5	0	0	0	0	0
SOUTHEASTN CHRISTIAN COL	12	0	0	0	0	0	0	12	0	0	0	0	0
SPALDING COLLEGE	328	0	0	0	0	0	0	328	0	0	0	0	0
ST CATHERINE COL	28	0	0	0	0	0	0	28	0	0	0	0	0
SUE BENNETT COL	23	0	0	0	0	0	0	23	0	0	0	0	0
THOMAS MORE COL	190	0	0	0	0	0	0	141	0	0	49	0	0
TRANSYLVANIA UNIVERSITY	37	0	0	0	0	0	0	26	0	0	11	0	0
UNION COL	928	0	0	0	0	0	0	928	0	0	0	0	0
UNIV OF KENTUCKY	18,701	7,268	79	104	497	0	220	8,615	348	248	975	3	527
UNIV OF LOUISVILLE	9,199	0	0	0	713	0	16	9,083	0	30	257	0	0
WESTERN KENTUCKY UNIV	1,705	0	0	0	0	0	0	1,105	0	0	100	0	0
LOUISIANA, TOTAL	65,930	9,099	358	111	1,919	144	329	51,714	130	945	3,949	150	9
CENTENARY COLL OF LOUIS	99	0	0	0	0	0	0	88	0	0	11	0	0
DELGADO VOC TECH JR COLL	561	0	0	0	0	0	0	548	0	0	13	0	0
DILLARD UNIV	1,037	0	0	0	0	0	0	985	0	0	52	0	0
GRAMBLING COL	1,805	0	25	0	0	0	0	1,613	0	45	123	0	0
LA ST U MED CT - NEW ORLEANS	4,227	0	0	0	227	0	0	3,867	0	0	33	0	0
LA ST U MED CT SHREVEPORT	20,479	0	0	0	0	0	0	20,479	0	0	0	0	0
LA ST UNIV - BATON ROUGE	15,065	4,986	185	0	709	0	261	1,987	130	321	1,482	0	0
LA ST UNIV - NEW ORLEANS	1,187	0	0	0	60	0	0	844	0	48	232	0	9
LOUISIANA COL	64	0	0	0	0	0	0	64	0	0	0	0	0
LOUISIANA TECH UNIVERSITY	858	49	0	0	0	0	39	721	0	0	49	0	0
LOYOLA UNIV	497	0	0	0	0	0	0	447	0	0	49	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DOE	EPA	HEW	INT	NASA	NSF	DOT	OTHER
LOUISIANA													
LSU CENTRAL SYSTEM	691	0	0	0	0	0	0	628	0	0	13	0	0
MCNEESE STATE COL	433	0	0	0	0	0	0	383	0	0	50	0	0
NICHOLLS STATE UNIVERSITY	287	0	0	0	0	0	0	283	0	0	4	0	0
NORTHEAST LOUISIANA UNIV	1,515	0	0	0	0	0	0	1,477	0	0	38	0	0
NORTHWESTERN ST UNIV-LA	690	0	0	0	0	0	0	552	0	0	138	0	0
NOTRE DAME SEM	15	0	0	0	0	0	0	15	0	0	0	0	0
SAINT BERNARD PARISH CC	7	0	0	0	0	0	0	7	0	0	0	0	0
SOUTHEASTERN LA UNIV	281	0	0	0	0	0	0	281	0	0	0	0	0
SOUTHERN UNIV	3,928	33	79	111	0	0	0	3,354	0	25	67	159	0
ST JOSEPH SEM	15	0	0	0	0	0	0	15	0	0	0	0	0
ST MARYS DOMINICAN COL	57	0	0	0	0	0	0	57	0	0	0	0	0
TULANE UNIV	19,048	0	69	0	135	344	25	17,704	0	126	1,645	0	0
UNIV OF SOUTHWESTERN LA	655	0	0	0	19	0	0	604	0	0	32	0	0
XAVIER U OF LOUISIANA	1,574	0	0	0	0	0	0	1,558	0	0	16	0	0
MAINE, TOTAL	6,832	1,842	4	444	14	0	59	3,520	100	42	719	0	38
BATES COL	281	0	0	0	0	0	0	259	0	0	2	0	0
BOWDOIN COL	744	0	0	0	4	0	0	465	0	0	275	0	0
COLBY COL	144	0	0	0	0	0	0	51	0	0	93	0	0
HUSSON COL	52	0	0	0	0	0	0	52	0	0	0	0	0
MAINE MARITIME ACADEMY	323	0	0	344	0	0	0	20	0	0	0	0	0
NASSON COL	26	0	0	0	0	0	0	26	0	0	0	0	0
NORTHERN CONSERV OF MUSIC	13	0	0	0	0	0	0	13	0	0	0	0	0
RICKER COL	25	0	0	0	0	0	0	25	0	0	0	0	0
ST FRANCIS COL	54	0	0	0	0	0	0	54	0	0	0	0	0
ST JOSEPHS COL	25	0	0	0	0	0	0	25	0	0	0	0	0
THOMAS COL	80	0	0	0	0	0	0	80	0	0	0	0	0
UNITY COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0
UNIV MAINE, PRESQUE ISLE	93	0	0	0	0	0	0	91	0	0	2	0	0
UNIV OF MAINE AUGUSTA	14	0	0	0	0	0	0	14	0	0	0	0	0
UNIV OF MAINE MACHIAS	38	0	0	0	0	0	0	38	0	0	0	0	0
UNIV OF MAINE ORONO	3,728	1,842	4	0	10	0	59	1,413	100	42	220	0	38
UNIV OF MAINE PORTLAND	727	0	0	100	0	0	0	500	0	0	127	0	0
UNIV OF MAINE, FARMINGTON	245	0	0	0	0	0	0	245	0	0	0	0	0
UNIV OF MAINE, FORT KENT	36	0	0	0	0	0	0	36	0	0	0	0	0
WESTBROOK JR COL	140	0	0	0	0	0	0	140	0	0	0	0	0
MARYLAND, TOTAL	80,129	2,674	3,405	207	4,958	125	297	55,923	233	4,639	7,493	460	122
ALLEGANY COMM COL	150	0	0	0	0	0	0	150	0	0	0	0	0
ANNE ARUNDEL COMM COL	58	0	0	0	0	0	0	58	0	0	0	0	0
BALTIMORE COL OF COMMERCE	21	0	0	0	0	0	0	21	0	0	0	0	0
BOWIE STATE COL	649	0	0	0	0	0	0	593	0	56	0	0	0
CAPITOL INST OF TECH	16	0	0	0	0	0	0	16	0	0	0	0	0
CATONSVILLE COMM COL	320	0	0	0	0	0	0	310	0	0	10	0	0
CECIL COMMUNITY COLLEGE	61	0	0	0	0	0	0	61	0	0	0	0	0
CHARLES COUNTY COMM COL	136	0	0	0	0	0	44	15	0	0	77	0	0
CHESAPEAKE COLLEGE	57	0	0	0	13	0	0	34	0	0	10	0	0
COL OF NOTRE DAME OF MD	17	0	0	0	0	0	0	17	0	0	0	0	0
COLUMBIA UNION COL	185	0	0	0	0	0	0	159	0	10	16	0	0
COMM COL OF BALTIMORE	711	0	0	0	0	0	0	711	0	0	0	0	0
COPPIN STATE COL	557	0	0	0	0	0	0	557	0	0	0	0	0
ESSEX COMM COL	110	0	0	0	0	0	0	110	0	0	0	0	0
FREDERICK COMM COL	25	0	0	0	0	0	0	25	0	0	0	0	0
FROSTBURG STATE COL	142	0	0	0	0	0	0	142	0	0	0	0	0
GOUCHER COL	73	0	0	0	0	0	0	60	0	0	13	0	0
HAGERSTOWN JR COL	86	0	0	0	0	0	0	86	0	0	0	0	0
HARFORD JR COL	95	0	0	0	0	0	0	95	0	0	0	0	0
HOOD COL	34	0	0	0	0	0	0	34	0	0	0	0	0
HOWARD CNTY CMTY COLLEGE	119	0	0	0	0	0	0	119	0	0	0	0	0
JOHNS HOPKINS UNIV	45,548	0	1,930	50	2,243	0	168	36,307	63	2,254	2,866	445	122

MAINE, TOTAL													
BATES COL	261	0	0	0	0	0	0	259	0	0	2	0	0
BOWDOIN COL	744	0	0	0	4	0	0	465	0	0	275	0	0
COLBY COL	144	0	0	0	0	0	0	51	0	0	93	0	0
HUSSON COL	52	0	0	0	0	0	0	52	0	0	0	0	0
MAINE MARITIME ACADEMY	373	0	0	344	0	0	0	29	0	0	0	0	0
NASSON COL	26	0	0	0	0	0	0	26	0	0	0	0	0
NORTHERN CONSERV OF MUSIC	13	0	0	0	0	0	0	13	0	0	0	0	0
RICKER COL	25	0	0	0	0	0	0	25	0	0	0	0	0
ST FRANCIS COL	54	0	0	0	0	0	0	54	0	0	0	0	0
ST JOSEPHS COL	25	0	0	0	0	0	0	25	0	0	0	0	0
THOMAS COL	80	0	0	0	0	0	0	80	0	0	0	0	0
UNITY COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0
UNIV MAINE, PRESQUE ISLE	93	0	0	0	0	0	0	91	0	0	2	0	0
UNIV OF MAINE AUGUSTA	14	0	0	0	0	0	0	14	0	0	0	0	0
UNIV OF MAINE MACHIAS	38	0	0	0	0	0	0	38	0	0	0	0	0
UNIV OF MAINE ORONO	3,728	1,842	4	0	15	0	59	1,413	155	42	220	0	38
UNIV OF MAINE PORTLAND	727	0	0	105	0	0	0	503	0	0	177	0	0
UNIV OF MAINE, FARMINGTON	245	0	0	0	0	0	0	245	0	0	0	0	0
UNIV OF MAINE, FORT KENT	36	0	0	0	0	0	0	36	0	0	0	0	0
WESTBROOK JR COL	140	0	0	0	0	0	0	140	0	0	0	0	0
MARYLAND, TOTAL	80,129	2,674	3,405	207	4,955	125	297	55,923	233	4,619	7,493	488	122
ALLEGANY COMM COL	150	0	0	0	0	0	0	150	0	0	0	0	0
ANNE ARUNDEL COMM COL	58	0	0	0	0	0	0	58	0	0	0	0	0
BALTIMORE COL OF COMMERCE	21	0	0	0	0	0	0	21	0	0	0	0	0
BOWIE STATE COL	649	0	0	0	0	0	0	593	0	56	0	0	0
CAPITOL INST OF TECH	16	0	0	0	0	0	0	16	0	0	0	0	0
CATONSVILLE COMM COL	328	0	0	0	0	0	0	318	0	0	10	0	0
CECIL COMMUNITY COLLEGE	81	0	0	0	0	0	0	81	0	0	0	0	0
CHARLES COUNTY COMM COL	136	0	0	0	0	0	44	15	0	0	77	0	0
CHESAPEAKE COLLEGE	57	0	0	0	13	0	0	34	0	0	10	0	0
COL OF NOTRE DAME OF MD	17	0	0	0	0	0	0	17	0	0	0	0	0
COLUMBIA UNION COL	185	0	0	0	0	0	0	159	0	10	16	0	0
COMM COL OF BALTIMORE	711	0	0	0	0	0	0	711	0	0	0	0	0
COPPIN STATE COL	557	0	0	0	0	0	0	557	0	0	0	0	0
ESSEX COMM COL	110	0	0	0	0	0	0	110	0	0	0	0	0
FREDERICK COMM COL	25	0	0	0	0	0	0	25	0	0	0	0	0
FROSTBURG STATE COL	142	0	0	0	0	0	0	142	0	0	0	0	0
GOUCHER COL	73	0	0	0	0	0	0	61	0	0	12	0	0
HAGERSTOWN JR COL	88	0	0	0	0	0	0	88	0	0	0	0	0
HARFORD JR COL	95	0	0	0	0	0	0	95	0	0	0	0	0
HOOD COL	34	0	0	0	0	0	0	34	0	0	0	0	0
HOWARD CNTY CMTY COLLEGE	119	0	0	0	0	0	0	119	0	0	0	0	0
JOHNS HOPKINS UNIV	45,548	0	1,030	55	2,743	0	188	34,307	43	2,254	4,886	449	173
LOYOLA COL	109	0	0	0	0	0	0	109	0	0	0	0	0
MARYLAND INST COL OF ART	93	0	0	0	0	0	0	93	0	0	0	0	0
MONTGOMERY COL-ROCKVILLE	125	0	0	0	0	0	0	125	0	0	0	0	0
MORGAN STATE COL	1,430	0	0	148	0	0	0	1,193	0	89	167	0	0
MT PROVIDENCE JR COL	80	0	0	0	0	0	0	80	0	0	0	0	0
MT ST AGNES COL	22	0	0	0	0	0	0	22	0	0	0	0	0
MT ST MARYS COL	19	0	0	0	0	0	0	19	0	0	0	0	0
NER ISRAEL RABBINICAL COL	68	0	0	0	0	0	0	68	0	0	0	0	0
PEABODY CONSERV OF MUSIC	39	0	0	0	0	0	0	39	0	0	0	0	0
PRINCE GEORGES COMM COL	129	0	0	0	0	0	0	129	0	0	0	0	0
SALISBURY STATE COL	31	0	0	0	0	0	0	31	0	0	0	0	0
ST JOHNS COL	34	0	0	0	0	0	0	22	0	0	12	0	0
ST JOSEPH COL	156	0	0	0	0	0	0	123	0	0	33	0	0
ST MARYS COL OF MD	32	0	0	0	0	0	0	30	0	0	2	0	0
TOWSON STATE COL	167	0	0	0	0	0	0	167	0	0	0	0	0
UNIV OF BALTIMORE	118	0	0	0	0	0	0	118	0	0	0	0	0
UNIV OF MD BALTIMORE	10,479	0	0	0	723	0	0	9,587	0	170	0	0	0
UNIV OF MD BALTIMORE CTY	197	0	0	0	0	0	0	141	0	0	56	0	0
UNIV OF MD COLLEGE PARK	16,977	2,480	2,375	17	1,477	125	85	3,988	175	2,170	8,279	19	0
UNIV OF MD EASTERN SHORE	484	14	0	0	0	0	0	470	0	0	0	0	0
VILLA JULIE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
WASHINGTON COL	40	0	0	0	0	0	0	40	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	HEW	AEC	COM	DOT	DEF	EPA	HEW	INT	NASA	NSF	OEO	OTHERS
MARYLAND													
WESTERN MARYLAND COL	177	0	0	0	0	0	0	177	0	0	0	0	0
MASSACHUSETTS, TOTAL	231,519	2,551	11,732	999	42,789	7,711	2,787	99,782	1,274	23,011	31,210	1,992	1,981
AMERICAN INTL COL	127	0	0	0	0	0	0	107	0	0	20	0	0
AMHERST COL	944	0	0	0	0	0	27	704	0	0	214	0	0
ANDOVER NEWTON THEOL SCH	31	0	0	0	0	0	0	31	0	0	0	0	0
ANNA MARIA COL FOR WOMEN	60	0	0	0	0	0	0	60	0	0	0	0	0
AQUINAS JR COLL OF PUB	11	0	0	0	0	0	0	11	0	0	0	0	0
ASSUMPTION COL	709	0	0	0	0	0	0	709	0	0	0	0	0
ATLANTIC UNION COL	705	0	0	0	0	0	0	569	0	0	136	0	0
BABSON COLLEGE	23	0	0	0	0	0	0	23	0	0	0	0	0
BAY PATH JR COL	39	0	0	0	0	0	0	39	0	0	0	0	0
BAY STATE JR COL BUSINESS	17	0	0	0	0	0	0	17	0	0	0	0	0
BECKER JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
BENTLEY COL OF ACCT & FIN	134	0	0	0	0	0	0	134	0	0	0	0	0
BERKLEE COLLEGE OF MUSIC	34	0	0	0	0	0	0	34	0	0	0	0	0
BERKSHIRE CHRISTIAN COL	14	0	0	0	0	0	0	14	0	0	0	0	0
BERKSHIRE COMM COL	69	0	0	0	0	0	0	69	0	0	0	0	0
BOSTON ARCHITECTURAL CTR	2	0	0	0	0	0	0	2	0	0	0	0	0
BOSTON COL	9,477	0	81	0	1,125	595	0	1,584	0	56	5,036	0	0
BOSTON STATE COLLEGE	293	0	0	0	0	0	0	293	0	0	0	0	0
BOSTON UNIV	15,445	0	24	0	277	0	0	14,738	0	178	928	96	1
BRANDEIS UNIV	5,803	0	728	0	89	0	0	3,965	0	29	1,177	0	804
BRIDGEWATER STATE COLLEGE	192	0	0	0	0	0	0	81	0	0	71	0	0
BRISTOL COMM COL	169	0	0	0	0	0	0	169	0	0	0	0	0
BRYANTSTRATTON JC-PUB	14	0	0	0	0	0	0	14	0	0	0	0	0
BRYANT-HOINTOSH JR COLL	6	0	0	0	0	0	0	6	0	0	0	0	0
BURDETT COL	2	0	0	0	0	0	0	2	0	0	0	0	0
CAMBRIDGE JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
CAPE COD COMM COL	134	0	0	0	0	0	0	134	0	0	0	0	0
CARDINAL CURNAN COL	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARK UNIV	1,669	0	24	0	0	0	0	1,109	44	0	320	0	0
COL OF OUR LADY OF ELMS	149	0	0	0	0	0	0	149	0	0	0	0	0
COL OF THE HOLY CROSS	793	0	0	0	0	0	0	639	0	0	154	0	0
CURRY COL	37	0	0	0	0	0	0	37	0	0	0	0	0
DEAN JR COL	19	0	0	0	0	0	0	19	0	0	0	0	0
EASTERN NAZARENE COL	161	0	0	0	0	0	0	137	0	0	24	0	0
EMERSON COL	169	0	0	0	0	0	0	169	0	0	0	0	0
EMMANUEL COL	471	0	0	0	279	0	0	181	0	0	10	0	0
EPISCOPAL THEOL SCHOOL	11	0	0	0	0	0	0	11	0	0	0	0	0
FISHER JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
FITCHBURG STATE COLLEGE	139	0	0	0	0	0	0	139	0	0	0	0	0
FRAMINGHAM STATE COLLEGE	92	0	0	0	0	0	0	83	0	0	9	0	0
FRANKLIN INST OF BOSTON	17	0	0	0	0	0	0	17	0	0	0	0	0
GARLAND JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
GORDON COL	99	0	0	0	0	0	0	99	0	0	0	0	0
GORDON-CONWELL THEOL SEM	6	0	0	0	0	0	0	6	0	0	0	0	0
GRAHAM JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0
GREENFIELD COMM COL	99	0	0	0	0	0	0	99	0	0	0	0	0
HAMPSHIRE COLLEGE	332	0	0	0	0	123	0	177	0	0	32	0	0
HARVARD UNIV	54,737	0	1,913	137	7,513	644	514	29,741	34	3,519	9,665	131	726
HEBREW TCHRS COL	0	0	0	0	0	0	0	0	0	0	0	0	0
HELLENIC COL	87	0	0	0	0	0	0	87	0	0	0	0	0
HOLYOKE COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
LASELL JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
LEICESTER JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
LESLEY COL	80	0	0	0	0	0	0	80	0	0	0	0	0
LOWELL STATE COLLEGE	117	0	0	0	0	0	0	117	0	0	0	0	0
LOWELL TECHNOLOGICAL INST	439	0	0	0	134	0	201	104	0	11	149	0	0
MASS BAY COMM COL	87	0	0	0	0	0	0	87	0	0	0	0	0
MASS COL OF ART	44	0	0	0	0	0	0	44	0	0	0	0	0

BAY PATH JR COL	39	0	0	0	0	0	0	39	0	0	0	0	0	0
BAY STATE JR COL BUSINESS	17	0	0	0	0	0	0	17	0	0	0	0	0	0
BECKER JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0	0
BENTLEY COL OF ACCT & FIN	134	0	0	0	0	0	0	134	0	0	0	0	0	0
BERKLEE COLLEGE OF MUSIC	54	0	0	0	0	0	0	54	0	0	0	0	0	0
BERKSHIRE CHRISTIAN COL	14	0	0	0	0	0	0	14	0	0	0	0	0	0
BERKSHIRE COMM COL	69	0	0	0	0	0	0	69	0	0	0	0	0	0
BOSTON ARCHITECTURAL CTR	2	0	0	0	0	0	0	2	0	0	0	0	0	0
BOSTON COL	9,477	0	81	0	1,125	225	0	9,783	0	38	910	0	0	0
BOSTON STATE COLLEGE	249	0	0	0	0	0	0	249	0	0	10	0	0	0
BOSTON UNIV	19,669	0	28	0	203	0	0	20,250	0	156	800	62	0	0
BRANDEIS UNIV	5,803	0	128	0	88	0	0	6,065	0	39	1,137	0	38	0
BRIDGEWATER STATE COLLEGE	192	0	0	0	0	0	0	90	0	0	90	0	0	0
BRISTOL COMM COL	180	0	0	0	0	0	0	180	0	0	0	0	0	0
BRYANT&STRATTON JC-PVD	14	0	0	0	0	0	0	14	0	0	0	0	0	0
BRYANT-MCINTOSH JR COLL	3	0	0	0	0	0	0	3	0	0	0	0	0	0
BURDETT COL	2	0	0	0	0	0	0	2	0	0	0	0	0	0
CAMBRIDGE JR COL	17	0	0	0	0	0	0	81	0	0	0	0	0	0
CAPE COD COMM COL	134	0	0	0	0	0	0	134	0	0	0	0	0	0
CARDINAL CUSHING COL	8	0	0	0	0	0	0	8	0	0	0	0	0	0
CLARK UNIV	3,669	0	28	0	0	0	0	3,720	28	0	320	0	0	0
CCL OF OUR LADY OF ELMS	149	0	0	0	0	0	0	149	0	0	0	0	0	0
CCL OF THE HOLY CROSS	283	0	0	0	0	0	0	380	0	0	117	0	0	0
CURRY COL	37	0	0	0	0	0	0	80	0	0	0	0	0	0
DEAN JR COL	10	0	0	0	0	0	0	10	0	0	0	0	0	0
EASTERN NAZARENE COL	101	0	0	0	0	0	0	137	0	0	20	0	0	0
EMERSON COL	164	0	0	0	0	0	0	164	0	0	0	0	0	0
EMMANUEL COL	471	0	0	0	494	0	0	1,001	0	0	16	0	0	0
EPISCOPAL THEOL SEMINARY	13	0	0	0	0	0	0	13	0	0	0	0	0	0
FISHER JR COL	5	0	0	0	0	0	0	5	0	0	0	0	0	0
FITCHBURG STATE COLLEGE	100	0	0	0	0	0	0	100	0	0	0	0	0	0
FRAMINGHAM STATE COLLEGE	92	0	0	0	0	0	0	92	0	0	0	0	0	0
FRANKLIN INST OF BOSTON	17	0	0	0	0	0	0	17	0	0	0	0	0	0
GARLAND JR COL	8	0	0	0	0	0	0	8	0	0	0	0	0	0
GORDON COL	90	0	0	0	0	0	0	95	0	0	0	0	0	0
GORDON-CONWELL THEOL SEM	8	0	0	0	0	0	0	8	0	0	0	0	0	0
GRAHAM JR COL	91	0	0	0	0	0	0	91	0	0	0	0	0	0
GREENFIELD COMM COL	99	0	0	0	0	0	0	99	0	0	0	0	0	0
HAMPSHIRE COLLEGE	332	0	0	0	0	123	0	455	0	0	52	0	0	0
HARVARD UNIV	20,737	0	1,010	107	1,010	260	704	23,788	36	2,205	2,205	220	700	0
HEBREW TCHRS COL	4	0	0	0	0	0	0	4	0	0	0	0	0	0
HELLENIC COL	67	0	0	0	0	0	0	67	0	0	0	0	0	0
HOLYOKE COMM COL	99	0	0	0	0	0	0	99	0	0	0	0	0	0
LASELL JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0	0
LEICESTER JR COL	12	0	0	0	0	0	0	12	0	0	0	0	0	0
LESLEY COL	80	0	0	0	0	0	0	81	0	0	0	0	0	0
LOWELL STATE COLLEGE	117	0	0	0	0	0	0	117	0	0	0	0	0	0
LOWELL TECHNOLOGICAL INST	830	0	0	0	956	0	235	1,021	0	11	198	0	0	0
MASS BAY COMM COL	87	0	0	0	0	0	0	87	0	0	0	0	0	0
MASS COL OF ART	88	0	0	0	0	0	0	88	0	0	0	0	0	0
MASS COL OF OPTOMETRY	271	0	0	0	0	0	0	271	0	0	0	0	0	0
MASS COL OF PHARMACY	108	0	0	0	0	0	0	108	0	0	0	0	0	0
MASS INST OF TECH	20,776	24	1,784	196	20,096	0	382	23,272	817	29,218	1,127	1,127	294	0
MASS PARTICLE ATAT	209	0	0	209	0	0	0	0	0	0	0	0	0	0
MASSASOIT COMM COL	99	0	0	0	0	0	0	99	0	0	0	0	0	0
MERRIMACK COL	119	0	0	0	0	0	0	68	0	0	12	0	0	0
MOUNT IDA JR COL	3	0	0	0	0	0	0	3	0	0	0	0	0	0
MOUNT WACHUSETT COMM COL	1,783	0	0	0	0	0	0	1,783	0	0	0	0	0	0
MT HOLYOKE COL	189	0	0	0	0	0	0	189	0	0	19	0	0	0
NEW ENGL CONSERV OF MUSIC	15	0	0	0	0	0	0	15	0	0	0	0	0	0
NEW ENGLAND SCHOOL OF LAW	3	0	0	0	0	0	0	3	0	0	0	0	0	0
NEWTON COLLEGE	495	0	0	0	0	0	0	91	0	0	912	0	0	0
NEWTON JR COL	3	0	0	0	0	0	0	3	0	0	0	0	0	0
NICHOLS COL OF BUS ADMIN	25	0	0	0	0	0	0	25	0	0	0	0	0	0
NORTH ADAMS STATE COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0	0
NORTH SHORE COMM COL	737	0	0	0	0	0	0	737	0	0	0	0	0	0
NORTHAMPTON JR COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0	0
NORTHEASTERN UNIV	5,125	0	65	0	425	125	35	7,765	0	115	816	0	125	0
NORTHERN ESSEX COMM COL	11	0	0	0	0	0	0	11	0	0	0	0	0	0
PERRY NORMAL SCH	17	0	0	0	0	0	0	17	0	0	0	0	0	0
PINE MANOR JR COL	4	0	0	0	0	0	0	4	0	0	0	0	0	0
QUINCY JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0	0

TABLE D-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	HEW	NSF	DOD	DOT	AEC	NASA	HUD	EPA	VA	DOI	SMITHSN
MASSACHUSETTS												
GLINSIGAMOND COMM COL	43	X	X	X	X	X	X	43	X	X	0	0
RADCLIFFE COLLEGE	85	X	X	X	X	X	X	85	X	X	78	0
REGIS COL	274	X	X	X	150	X	X	111	X	X	11	0
SALEM STATE COLLEGE	449	X	X	X	X	X	X	449	X	X	71	0
SCH OF THE MUS FINE ARTS	39	X	X	X	X	X	X	39	X	X	0	0
SIMMONS COL	773	X	X	X	X	X	X	765	X	X	92	0
SIMONS ROCK	0	X	X	X	X	X	X	0	X	X	0	0
SMITH COL	724	0	0	X	X	X	X	685	X	X	63	0
SOUTHEASTERN MASS UNIV	555	X	54	X	X	X	X	765	X	X	12	0
SPRINGFIELD COL	404	X	X	X	X	X	X	404	X	X	93	0
SPRINGFIELD TECH COMM COL	38	X	X	X	X	X	X	38	X	X	0	0
ST JOHNS SEM	0	X	X	X	X	X	X	0	X	X	0	0
STEVENS COLLEGE	10	0	0	X	X	X	X	10	X	X	0	0
STONEHILL COL	118	X	X	X	X	X	X	107	X	X	18	0
SUFFOLK UNIV	177	X	X	X	X	X	X	169	X	X	33	0
SWAIN SCH OF DESIGN	10	X	X	X	X	X	X	10	X	X	0	0
TUFTS UNIV	17,989	X	355	X	767	1,554	76	9,581	X	93	402	93
U MASS MED SCH-WORCESTER	1,911	X	X	X	X	X	X	1,911	X	X	0	0
UNIV OF MASS AMHERST	9,741	7,921	295	X	936	X	482	1,764	251	272	2,293	0
UNIV OF MASS BOSTON	537	0	0	X	X	X	X	565	X	X	44	0
WELLESLEY COL	291	X	X	X	X	X	X	171	X	X	79	0
WENTWORTH COLLEGE OF TECH	19	X	X	X	X	X	X	19	X	X	0	0
WENTWORTH INST	1,279	X	X	X	987	X	X	85	X	X	216	0
WESTERN NEW ENGLAND COL	85	X	X	X	X	X	X	85	X	X	0	0
WESTFIELD STATE COLLEGE	181	X	X	X	X	X	X	181	X	X	72	0
WHEATON COL	48	X	X	X	X	X	X	31	X	X	17	0
WHEELOCK COL	29	X	X	X	X	X	X	29	X	X	0	0
WILLIAMS COL	765	X	X	X	35	X	X	79	X	X	149	28
WOODS HOLE OCEAN INST	13,493	X	432	75	4,875	X	84	85	75	88	5,859	73
WORCESTER JR COL	3	X	X	X	X	X	X	3	X	X	0	0
WORCESTER POLYTECH INST	815	X	28	X	75	X	181	174	94	42	271	0
WORCESTER STATE COLLEGE	20	X	X	X	X	X	X	20	X	X	0	0
MICHIGAN, TOTAL	121,748	4,970	4,941	555	9,755	1,709	957	74,764	310	9,678	18,488	779	1,692
ADRIAN COL	59	X	X	X	X	X	X	39	X	X	17	0	0
ALBION COL	113	X	X	X	X	X	X	103	X	X	9	0	0
ALMA COL	240	X	X	X	X	X	X	209	X	X	19	0	0
ALPENA COMM COL	157	X	X	X	X	X	X	157	X	X	0	0	0
ANDREWS UNIV	135	X	X	X	X	X	X	135	X	X	0	0	0
AQUINAS COL	119	X	X	X	X	X	X	119	X	X	0	0	0
BAY DE NOC COMM COL	59	X	0	X	X	X	X	59	X	X	0	0	0
CALVIN COL	421	X	X	X	24	X	X	359	X	X	38	0	0
CENTRAL MICH UNIV	405	X	X	X	X	X	X	405	X	X	170	0	0
CONCORDIA LUTHERAN JR COL	9	X	X	X	X	X	X	9	X	X	0	0	0
CRANBROOK ACAD OF ART	99	X	X	X	X	X	X	99	X	X	0	0	0
DAVENPORT COL OF BUSINESS	183	X	X	X	X	X	X	183	X	X	0	0	0
DELTA COL	182	X	X	X	X	X	X	182	X	X	0	0	0
DETROIT COL OF BUSINESS	37	X	X	X	X	X	X	37	X	X	0	0	0
DETROIT INST OF TECH	185	X	X	X	X	X	X	185	X	X	0	0	0
DUNS SCOTUS COL	8	X	X	X	X	X	X	8	X	X	0	0	0
EASTERN MICHIGAN UNIV	1,417	X	X	X	X	X	X	1,108	X	71	309	0	0
FERRIS ST COL	745	X	X	X	X	X	X	735	X	X	9	0	0
GENESEE COMMUNITY COLLEGE	747	X	X	X	X	X	X	747	X	X	0	0	0
GLEN OAKS COMM COL	65	X	X	X	X	X	X	65	X	X	0	0	0
GOGEBIC COMM COL	87	X	X	X	X	X	X	87	X	X	0	0	0
GRAND RAPIDS BAPT COL	19	X	X	X	X	X	X	19	X	X	0	0	0
GRAND RAPIDS JR COL	887	X	X	X	X	X	X	887	X	X	0	0	0
GRAND VALLEY STATE COL	985	X	X	X	X	X	X	985	X	X	0	0	0
HENRY FORD COMM COL	74	X	X	X	X	X	X	74	X	X	0	0	0
HIGHLAND PARK COLLEGE	507	X	X	X	X	X	X	507	X	X	0	0	0
HILLSDALE COL	65	X	0	X	X	X	X	65	X	X	0	0	0
HOPE COL	919	X	X	X	X	X	18	718	X	X	203	0	0
JACKSON BUSINESS UNIV	9	X	X	X	X	X	X	9	X	X	0	0	0
JACKSON COMM COL	61	X	X	X	X	X	X	61	X	X	0	0	0
KALAMAZOO COL	174	X	X	X	X	X	X	155	X	X	19	0	0
KALAMAZOO VALLEY COMM COL	50	X	0	X	X	X	X	50	X	X	0	0	0
KELLOGG COMM COL	74	X	0	X	X	X	X	74	X	X	0	0	0
KIRTLAND COMM COL	24	X	0	X	X	X	X	24	X	X	0	0	0
LAKE MICHIGAN COL	244	X	X	X	X	X	X	244	X	X	0	0	0
LAKE SUPERIOR STATE COL	913	X	X	X	X	X	X	913	X	X	0	0	0
LANSING COMM COL	89	X	X	X	X	X	X	89	X	X	0	0	0
LAWRENCE INST OF TECH	94	X	X	X	X	X	X	94	X	X	0	0	0
MACOMB COUNTY COMM COL	1,129	X	X	X	X	X	X	1,117	X	X	12	0	0

WESTERN NEW ENGLAND COL	87	-	-	-	-	-	-	87	-	-	-	-	-
WESTFIELD STATE COLLEGE	167	-	-	-	-	-	-	167	-	-	72	-	-
WHEATON COL	48	-	-	-	-	-	-	31	-	-	17	-	-
WHEELOCK COL	29	-	-	-	-	-	-	29	-	-	-	-	-
WILLIAMS COL	765	-	-	-	16	-	-	75	-	-	146	-	28
WOODS HOLE OCEAN INST	13,497	-	432	95	4,834	-	88	83	71	44	3,874	23	-
WORCESTER JR COL	-	-	-	-	-	-	-	-	-	-	-	-	-
WORCESTER POLYTECH INST	817	-	29	-	54	-	181	174	91	42	271	-	-
WORCESTER STATE COLLEGE	27	-	-	-	-	-	-	27	-	-	-	-	-
MICHIGAN, TOTAL	121,744	4,470	4,841	333	9,708	1,704	987	74,764	317	4,674	18,498	778	1,692
ADRIAN COL	55	-	-	-	-	-	-	38	-	-	17	-	-
ALBION COL	112	-	-	-	-	-	-	103	-	-	9	-	-
ALMA COL	242	-	-	-	-	-	-	223	-	-	19	-	-
ALPENA COMM COL	157	-	-	-	-	-	-	157	-	-	-	-	-
ANDREWS UNIV	133	-	-	-	-	-	-	133	-	-	-	-	-
AQUINAS COL	119	-	-	-	-	-	-	119	-	-	-	-	-
BAY DE NOC COMM COL	58	-	-	-	-	-	-	58	-	-	-	-	-
CALVIN COL	427	-	-	-	24	-	-	350	-	-	78	-	-
CENTRAL MICH UNIV	829	-	-	-	-	-	-	659	-	-	170	-	-
CONCORDIA LUTHERAN JR COL	7	-	-	-	-	-	-	7	-	-	-	-	-
CRANBROOK ACAD OF ART	88	-	-	-	-	-	-	88	-	-	-	-	-
DAVENPORT COL OF BUSINESS	193	-	-	-	-	-	-	193	-	-	-	-	-
DELTA COL	782	-	-	-	-	-	-	782	-	-	-	-	-
DETROIT COL OF BUSINESS	37	-	-	-	-	-	-	37	-	-	-	-	-
DETROIT INST OF TECH	185	-	-	-	-	-	-	185	-	-	-	-	-
DUNS SCOTUS COL	6	-	-	-	-	-	-	6	-	-	-	-	-
EASTERN MICHIGAN UNIV	1,417	-	-	-	-	-	-	1,188	-	71	358	-	-
FERRIS ST COL	769	-	-	-	-	-	-	759	-	-	9	-	-
GENESEE COMMUNITY COLLEGE	743	-	-	-	-	-	-	743	-	-	-	-	-
GLEN OAKS COMM COL	65	-	-	-	-	-	-	65	-	-	-	-	-
GOGEBIC COMM COL	97	-	-	-	-	-	-	97	-	-	-	-	-
GRAND RAPIDS BAPT COL	59	-	-	-	-	-	-	59	-	-	-	-	-
GRAND RAPIDS JR COL	887	-	-	-	-	-	-	887	-	-	-	-	-
GRAND VALLEY STATE COL	985	-	-	-	-	-	-	985	-	-	-	-	-
HENRY FORD COMM COL	74	-	-	-	-	-	-	74	-	-	-	-	-
HIGHLAND PARK COLLEGE	787	-	-	-	-	-	-	787	-	-	-	-	-
HILLSDALE COL	95	-	-	-	-	-	-	95	-	-	-	-	-
HOPE COL	915	-	-	-	-	-	18	718	-	-	203	-	-
JACKSON BUSINESS UNIV	8	-	-	-	-	-	-	8	-	-	-	-	-
JACKSON COMM COL	81	-	-	-	-	-	-	81	-	-	-	-	-
KALAMAZOO COL	574	-	-	-	-	-	-	559	-	-	15	-	-
KALAMAZOO VALLEY COMM COL	99	-	-	-	-	-	-	99	-	-	-	-	-
KELLOGG COMM COL	74	-	-	-	-	-	-	74	-	-	-	-	-
KIRTLAND COMM COL	29	-	-	-	-	-	-	29	-	-	-	-	-
LAKE MICHIGAN COL	244	-	-	-	-	-	-	244	-	-	-	-	-
LAKE SUPERIOR STATE COL	919	-	-	-	-	-	-	919	-	-	-	-	-
LANSING COMM COL	88	-	-	-	-	-	-	88	-	-	-	-	-
LAWRENCE INST OF TECH	99	-	-	-	-	-	-	99	-	-	-	-	-
MACOMB COUNTY COMM COL	1,125	-	-	-	-	-	-	1,113	-	-	12	-	-
MADONNA COL	112	-	-	-	-	-	-	107	-	-	15	-	-
MARYGROVE COL	119	-	-	-	-	-	-	119	-	-	-	-	-
MERCY COL OF DETROIT	378	-	-	-	-	-	-	366	-	-	12	-	-
MERRILL-PALMER INST	9	-	-	-	-	-	-	9	-	-	-	-	-
MICH COL OSTEOPATHIC MED	237	-	-	-	29	-	-	237	-	-	-	-	-
MICH TECHNOLOGICAL UNIV	957	69	87	-	67	-	-	701	14	-	242	-	-
MICHIGAN CHRISTIAN JR COL	19	-	-	-	-	-	-	19	-	-	-	-	-
MICHIGAN STATE UNIV	28,719	3,935	1,935	-	986	705	793	17,315	199	49	1,698	211	894
MID-MICH COMMUNITY COL	19	-	-	-	-	-	-	19	-	-	-	-	-
MONROE COUNTY COMM COL	39	-	-	-	-	-	-	39	-	-	-	-	-

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TOTAL FUNDING SOLICITATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1973
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	DOD	AEC	COM	TGT	HEW	HUD	NSF	OAQA	OEP	OST	OTHERS
MICHIGAN												
MONTCALM COMMUNITY COL	37	X	X	X	X	X	X	37	X	X	X	X
MUSKEGON BUSINESS COL	3	X	X	X	X	X	X	3	X	X	X	X
MUSKEGON COMMUNITY COL	66	X	X	X	X	X	X	66	X	X	X	X
NAZARETH COL	134	X	X	X	X	X	X	134	X	X	X	X
NORTH CENTRAL MICH COL	36	X	X	X	X	X	X	36	X	X	X	X
NORTHERN MICHIGAN UNIV	882	X	X	X	X	X	X	869	X	X	13	X
NORTHWESTERN MICH COL	137	X	X	99	X	X	X	37	X	X	X	X
NORTHWOOD INST	71	X	X	X	X	X	X	71	X	X	X	X
OAKLAND COMM COL	126	X	X	X	X	X	X	126	X	X	X	X
OAKLAND UNIV	1,363	X	31	X	X	X	X	1,332	X	X	298	X
OLIVET COL	66	X	X	X	X	X	X	66	X	X	X	X
OMOBSO COL	67	X	X	X	X	X	X	67	X	X	X	X
RACHEL HEADY SCH	39	X	X	X	X	X	X	39	X	X	X	X
SAGINAW VALLEY COL	69	X	X	X	X	X	X	69	X	X	X	X
SCHOOLCRAFT COL	39	X	X	X	X	X	X	39	X	X	X	X
SHAW COLLEGE AT DETROIT	457	X	X	X	X	X	X	457	X	X	X	X
SIENA HEIGHTS COL	519	X	X	X	X	X	X	519	X	X	X	X
SOCIETY OF ARTS & CRAFTS	1	X	X	X	X	X	X	1	X	X	X	X
SOUTHEASTERN MICH COL	39	X	X	X	X	X	X	39	X	X	X	X
SPRING ARBOR COL	39	X	X	X	X	X	X	39	X	X	X	X
ST CLAIR COUNTY COMM COL	99	X	X	X	X	X	X	99	X	X	X	X
SUOMI COL	189	X	X	X	X	X	X	189	X	X	X	X
UNIV OF DETROIT	1,721	X	3	X	62	X	X	1,556	X	X	146	X
UNIV OF MICHIGAN	87,981	91	2,782	179	1,329	741	159	37,369	153	9,841	12,219	341	999
WALSH COL ACCOUNTING ADMIN	4	X	X	X	X	X	X	4	X	X	X	X	X
WASHTENAW COMM COL	183	X	X	X	X	X	X	183	X	X	X	X	X
WAYNE COUNTY CMTY COLLEGE	937	X	X	X	X	X	X	937	X	X	X	X	X
WAYNE STATE UNIV	11,969	X	89	X	433	177	33	9,973	X	99	899	299	111
WEST SHORE COMMUNITY COLL	29	X	X	X	X	X	X	29	X	X	X	X	X
WESTERN MICH UNIV	2,512	X	3	X	81	X	X	1,722	X	X	599	X	X
MINNESOTA, TOTAL	84,788	5,187	1,981	X	1,719	567	1,128	69,717	998	2,892	4,927	179	879
ANOKA-RAMSEY ST JR COL	119	X	X	X	X	X	X	119	X	X	X	X	X
AUGSBURG COL	243	X	X	X	X	X	X	243	X	X	X	X	X
BEMIDJI STATE COL	1,129	X	X	X	X	129	11	989	9	X	X	X	X
BETHANY LUTHERAN COL	14	X	X	X	X	X	X	14	X	X	X	X	X
BETHEL COL & SEM	119	X	X	X	X	X	X	67	X	X	51	X	X
BRAINERD ST JUNIOR COL	39	X	X	X	X	X	X	39	X	X	X	X	X
CARLETON COL	369	X	X	X	X	X	X	139	X	X	199	X	X
COL OF ST BENEDICT	299	X	X	X	X	X	X	299	X	X	X	X	X
COL OF ST CATHERINE	277	X	X	X	X	X	X	277	X	X	X	X	X
COL OF ST SCHOLASTICA	223	X	X	X	X	X	X	221	X	X	X	X	X
COL OF ST TERESA	369	X	X	X	X	X	X	273	X	X	93	X	X
COL OF ST THOMAS	239	X	X	X	X	X	X	239	X	X	X	X	X
CONCORDIA COL, MOORHEAD	193	X	X	X	X	X	X	193	X	X	X	X	X
CONCORDIA COL, ST PAUL	99	X	X	X	X	X	X	99	X	X	X	X	X
CORBETT COLLEGE	1	X	X	X	X	X	X	1	X	X	X	X	X
CROOKSTON SCH	1	X	X	X	X	X	X	1	X	X	X	X	X
FERGUS FALLS STATE JR COL	27	X	X	X	X	X	X	27	X	X	X	X	X
GOLDEN VALLEY LUTHERAN COL	19	X	X	X	X	X	X	19	X	X	X	X	X
GUSTAVUS ADOLPHUS COL	319	X	X	X	X	X	X	321	X	X	19	X	X
HAMLINE UNIV	489	X	X	X	X	X	X	139	X	X	351	X	X
HIBBING STATE JR COLLEGE	69	X	X	X	X	X	X	69	X	X	X	X	X
ITASCA STATE JR COLLEGE	39	X	X	X	X	X	X	39	X	X	X	X	X
IVAN MILLS ST JR COLLEGE	37	X	X	X	X	X	X	37	X	X	X	X	X
LAKEWOOD STATE JR COL	29	X	X	X	X	X	X	29	X	X	X	X	X
LEA COLLEGE	93	X	X	X	X	X	X	93	X	X	X	X	X
MACALESTER COL	467	X	X	X	X	X	X	419	X	X	99	X	X
MANKATO STATE COL	919	X	X	X	X	X	X	849	X	X	99	X	X
MARTIN LUTHER COL	0	X	X	X	X	X	X	0	X	X	X	X	X
MESABI STATE JR COL	39	X	X	X	X	X	X	39	X	X	X	X	X
METROPOLITAN ST JR COL	121	X	X	X	X	X	X	121	X	X	X	X	X
MINNEAPOLIS COMM DESIGN	37	X	X	X	X	X	X	37	X	X	X	X	X
MOORHEAD STATE COL	979	X	X	X	X	X	X	941	X	X	39	X	X
NORMANDALE STATE JR COL	941	X	X	X	X	X	X	941	X	X	X	X	X
NORTH HENNEPIN ST JR COL	97	X	X	X	X	X	X	97	X	X	X	X	X
NORTHLAND STATE JR COL	29	X	X	X	X	X	X	29	X	X	X	X	X
RAINY RIVER STATE JR COL	39	X	X	X	X	X	X	39	X	X	X	X	X

SOCIETY OF ARTS & CRAFTS	1	0	0	0	0	0	0	1	0	0	0	0	0	0
SOUTHWESTERN MINN COL	54	0	0	0	0	0	0	54	0	0	0	0	0	0
SPRING ARBOR COL	74	0	0	0	0	0	0	74	0	0	0	0	0	0
ST CLAIR COUNTY COMM COL	90	0	0	0	0	0	0	90	0	0	0	0	0	0
SLOMI COL	184	0	0	0	0	0	0	184	0	0	0	0	0	0
UNIV OF DETROIT	1,721	0	0	0	62	0	0	1,659	0	0	150	0	0	0
UNIV OF MICHIGAN	47,981	91	2,782	179	1,321	741	159	37,709	191	4,941	13,219	341	990	
WALSH COL ACCTGBUS ADMIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASHTENAW COMM COL	183	0	0	0	0	0	0	183	0	0	0	0	0	0
WAYNE COUNTY CMTY COLLEGE	837	0	0	0	0	0	0	837	0	0	0	0	0	0
WAYNE STATE UNIV	11,965	0	89	0	413	179	39	9,673	0	46	859	256	111	
WEST SHORE COMMUNITY COLL	29	0	0	0	0	0	0	29	0	0	0	0	0	0
WESTERN MICH UNIV	2,317	0	0	0	81	0	0	1,727	0	0	509	0	0	0
MINNESOTA, TOTAL	84,198	9,187	1,931	0	1,719	567	1,128	69,719	958	7,892	4,927	178	870	
ANOKA-RAMSEY ST JR COL	119	0	0	0	0	0	0	119	0	0	0	0	0	0
AUGSBURG COL	261	0	0	0	0	0	0	261	0	0	0	0	0	0
AUSTIN ST JUNIOR COLLEGE	94	0	0	0	0	0	0	94	0	0	0	0	0	0
BEMIDJI STATE COL	1,139	0	0	0	0	120	11	988	0	0	0	0	0	0
BETHANY LUTHERAN COL	14	0	0	0	0	0	0	14	0	0	0	0	0	0
BETHEL COL & SEM	119	0	0	0	0	0	0	67	0	0	51	0	0	0
BRAINERD ST JUNIOR COL	39	0	0	0	0	0	0	39	0	0	0	0	0	0
CARLETON COL	369	0	0	0	0	0	0	139	0	0	199	0	0	0
COL OF ST BENEDICT	299	0	0	0	0	0	0	299	0	0	0	0	0	0
COL OF ST CATHERINE	277	0	0	0	0	0	0	277	0	0	0	0	0	0
COL OF ST SCHOLASTICA	723	0	0	0	0	0	0	721	0	0	2	0	0	0
COL OF ST TERESA	364	0	0	0	0	0	0	273	0	0	91	0	0	0
COL OF ST THOMAS	234	0	0	0	0	0	0	234	0	0	0	0	0	0
CONCORDIA COL, MOORHEAD	169	0	0	0	0	0	0	169	0	0	0	0	0	0
CONCORDIA COL, ST PAUL	99	0	0	0	0	0	0	99	0	0	0	0	0	0
CORBETT COLLEGE	1	0	0	0	0	0	0	1	0	0	0	0	0	0
CROSIER SEM	3	0	0	0	0	0	0	3	0	0	0	0	0	0
FERGUS FALLS STATE JR COL	27	0	0	0	0	0	0	27	0	0	0	0	0	0
GOLDEN VALLEY LUTHERAN COL	19	0	0	0	0	0	0	19	0	0	0	0	0	0
GUSTAVUS ADOLPHUS COL	713	0	0	0	0	0	0	721	0	0	10	0	0	0
HAMLINE UNIV	489	0	0	0	0	0	0	182	0	0	307	0	0	0
HIBBING STATE JR COLLEGE	68	0	0	0	0	0	0	68	0	0	0	0	0	0
ITASCA STATE JR COLLEGE	39	0	0	0	0	0	0	39	0	0	0	0	0	0
IVER HILLS ST JR COLLEGE	37	0	0	0	0	0	0	37	0	0	0	0	0	0
LAKEWOOD STATE JR COL	29	0	0	0	0	0	0	29	0	0	0	0	0	0
LEA COLLEGE	93	0	0	0	0	0	0	39	0	0	54	0	0	0
MACALESTER COL	967	0	0	0	0	0	0	619	0	0	348	0	0	0
MANKATO STATE COL	919	0	0	0	0	0	0	920	0	0	69	0	0	0
MARTIN LUTHER COL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MESABI STATE JR COL	79	0	0	0	0	0	0	79	0	0	0	0	0	0
METROPOLITAN ST JR COL	121	0	0	0	0	0	53	121	0	0	0	0	0	0
MINNEAPOLIS C-ART DESIGN	32	0	0	0	0	0	0	32	0	0	0	0	0	0
MOORHEAD STATE COL	979	0	0	0	0	0	0	943	0	0	36	0	0	0
NORMANDALE STATE JR COL	941	0	0	0	0	0	0	941	0	0	0	0	0	0
NORTH HENNEPIN ST JR COL	97	0	0	0	0	0	0	97	0	0	0	0	0	0
NORTHLAND STATE JR COL	29	0	0	0	0	0	0	29	0	0	0	0	0	0
RAINY RIVER STATE JR COL	29	0	0	0	0	0	0	29	0	0	0	0	0	0
ROCHESTER ST JR COLL	937	0	0	0	0	0	0	937	0	0	0	0	0	0
SOUTHWEST MINN STATE COL	423	0	0	0	0	0	0	931	0	0	292	0	0	0
ST CLOUD STATE COL	962	0	0	0	0	0	0	889	0	0	73	0	0	0
ST JOHNS UNIV	944	0	0	0	0	0	0	944	0	0	0	0	0	0
ST MARYS COL	173	0	0	0	0	0	0	89	0	0	171	0	0	0
ST MARYS JR COL	931	0	0	0	0	0	0	931	0	0	0	0	0	0
ST OLAF COL	187	0	0	0	0	0	0	119	0	0	68	0	0	0
ST PAUL SEM	1	0	0	0	0	0	0	1	0	0	0	0	0	0
UNIV OF MINNESOTA	73,934	9,187	1,931	0	1,719	787	1,117	55,321	953	7,892	3,324	178	870	
VERMILLION STATE JR COL	13	0	0	0	0	0	0	13	0	0	0	0	0	0
WILLMAR ST COMMUNITY COL	58	0	0	0	0	0	0	58	0	0	0	0	0	0
WINONA STATE COL	563	0	0	0	0	0	0	420	0	0	143	0	0	0
WORTHINGTON ST JR COLL	34	0	0	0	0	0	0	34	0	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	CDM	DOT	HEW	HUD	NSF	OEO	NASA	VET	DOI	OTHERS
MISSISSIPPI, TOTAL	29,427	4,782	19	22	417	431	191	15,015	111	197	1,378	1	3
ALCORN AGR & MECH COL	1,704	22	X	X	X	X	X	954	X	X	178	X	X
BELHAVEN COL	109	X	X	X	X	X	X	25	X	X	0	X	X
BLUE MOUNTAIN COL	26	X	X	X	X	X	X	9	X	X	0	X	X
CLARKE MEMORIAL COL	7	X	X	X	X	X	X	X	X	X	0	X	X
COAHOMA JR COL	484	X	X	X	X	X	X	455	X	X	0	X	X
COPIAH-LINCOLN JR COL	14	X	X	X	X	X	X	10	X	X	0	X	X
DELTA STATE COL	569	X	X	X	X	X	X	384	X	X	0	X	X
EAST CENTRAL JR COL	27	X	X	X	X	X	X	27	X	X	0	X	X
EAST MISS JR COL	447	X	X	X	X	X	X	447	X	X	0	X	X
HINDS JR COL	168	X	X	X	X	X	X	168	X	X	0	X	X
HOLMES JR COL	128	X	X	X	X	X	X	128	X	X	0	X	X
ITAWAMBA JR COL	64	X	X	X	X	X	X	64	X	X	0	X	X
JACKSON STATE COL	1,567	X	X	X	X	X	X	1,465	X	X	96	X	X
JONES COUNTY JR COL	113	X	X	X	X	X	X	113	X	X	0	X	X
MARY HOLMES COLLEGE	1,339	X	X	X	X	431	X	784	X	X	0	X	X
MERIDIAN JR COL	357	X	X	X	X	X	X	357	X	X	0	X	X
MILLSAPS COL	197	X	X	X	X	X	X	187	X	X	10	X	X
MISS DELTA JR COL	181	X	X	X	X	X	X	181	X	X	0	X	X
MISS GULF CST JR COL DIV	147	X	X	X	X	X	X	147	X	X	0	X	X
MISS ST COL FOR WOMEN	727	X	X	X	X	X	X	708	X	X	19	X	X
MISS VALLEY ST COL	938	X	X	X	X	X	X	926	X	X	12	X	X
MISSISSIPPI COL	125	X	X	X	X	X	X	125	X	X	0	X	X
MISSISSIPPI INDUS COL	137	X	X	X	X	X	X	137	X	X	0	X	X
MISSISSIPPI STATE UNIV	9,439	4,781	X	X	164	X	191	1,783	111	184	271	X	X
NATCHEZ JR COL	17	X	X	X	X	X	X	17	X	X	0	X	X
NORTHEAST MISS JR COL	519	X	X	X	X	X	X	519	X	X	0	X	X
NORTHWEST MISS JR COL	184	X	X	X	X	X	X	184	X	X	0	X	X
PEARL RIVER JR COL	93	X	X	X	X	X	X	93	X	X	0	X	X
PERKINSTON COL	0	X	X	X	X	X	X	0	X	X	0	X	X
PRENTISS NORM & IND INST	189	X	X	X	X	X	X	189	X	X	0	X	X
RUST COL	1,739	X	X	X	X	X	X	1,731	X	X	7	X	X
SAINTS JR COL	19	X	X	X	X	X	X	19	X	X	0	X	X
SOUTHWEST MISS JR COL	17	X	X	X	X	X	X	17	X	X	0	X	X
TOUGALOO COL	827	X	X	X	X	X	X	809	X	X	0	X	X
UNIV OF MISSISSIPPI	8,797	X	19	22	253	X	X	7,767	X	13	674	X	X
UNIV OF SOUTHERN MISS	984	X	X	X	X	X	X	869	X	12	93	X	X
UTICA JR COL	307	X	X	X	X	X	X	307	X	X	0	X	X
WILLIAM CAREY COL	142	X	X	X	X	X	X	142	X	X	0	X	X
WOOD JR COL	29	X	X	X	X	X	X	29	X	X	0	X	X
MISSOURI, TOTAL	94,721	5,050	334	X	2,420	X	711	77,747	351	1,194	6,929	79	911
AVILA COL	192	X	X	X	X	X	X	192	X	X	0	X	X
CENTRAL BIBLE COLLEGE	99	X	X	X	X	X	X	99	X	X	0	X	X
CENTRAL METHODIST COL	41	X	X	X	X	X	X	39	X	X	2	X	X
CENTRAL MO STATE COL	953	X	X	X	X	X	X	949	X	X	4	X	X
COLUMBIA COLLEGE	14	X	X	X	X	X	X	14	X	X	0	X	X
CONCORDIA SEMINARY	98	X	X	X	X	X	X	98	X	X	0	X	X
COTTEY COL	10	X	X	X	X	X	X	10	X	X	0	X	X
CROWDER COL	97	X	X	X	X	X	X	97	X	X	0	X	X
CULVER-STOCKTON COL	79	X	X	X	X	X	X	79	X	X	0	X	X
DRURY COL	193	X	X	X	X	X	X	189	X	X	4	X	X
E CENTRAL JUNIOR COLLEGE	792	X	X	X	X	X	X	787	X	X	5	X	X
ELIOT THEOLOGICAL SEMINARY	27	X	X	X	X	X	X	27	X	X	0	X	X
EVANGEL COL	239	X	X	X	X	X	X	239	X	X	0	X	X
FONTBONNE COL	133	X	X	X	X	X	X	133	X	X	0	X	X
HARRIS TCHRS COL	147	X	X	X	X	X	X	147	X	X	0	X	X
IMMACULATE CONCEPTION SEM	1	X	X	X	X	X	X	1	X	X	0	X	X
JEFFERSON COL	41	X	X	X	X	X	X	41	X	X	0	X	X
KANSAS CITY ART INST	189	X	X	X	X	X	X	189	X	X	0	X	X
KANSAS CITY COL OF OSTEOP	1,787	X	X	X	X	X	X	1,787	X	X	0	X	X
KIRKSVILLE COL OF OSTEOP	1,384	X	X	X	X	X	X	1,384	X	X	0	X	X
LINCOLN UNIV	807	14	X	X	X	X	X	769	X	X	23	X	X
LINDENWOOD COL	67	X	X	X	X	X	X	67	X	X	0	X	X
LONGVIEW COMMUNITY COL	11	X	X	X	X	X	X	11	X	X	0	X	X
MAPLE WOODS COMMUNITY COL	0	X	X	X	X	X	X	0	X	X	0	X	X
MARILLAC COL	X	X	X	X	X	X	X	X	X	X	0	X	X
MARYVILLE COL SAC HEART	67	X	X	X	X	X	X	67	X	X	0	X	X
MINERAL AREA COL	137	X	X	X	X	X	X	137	X	X	0	X	X
MISSOURI BAPTIST COL	45	X	X	X	X	X	X	45	X	X	0	X	X
MISSOURI SOUTHERN COL	67	X	X	X	X	X	X	67	X	X	0	X	X

MILLSAPS COL	197	0	0	0	0	0	0	197	0	0	0	0	0
MISS DELTA JR COL	161	0	0	0	0	0	0	161	0	0	0	0	0
MISS GULF CST JR COL DBT	142	0	0	0	0	0	0	142	0	0	0	0	0
MISS ST COL FOR WOMEN	727	0	0	0	0	0	0	727	0	0	15	0	0
MISS VALLEY ST COL	939	0	0	0	0	0	0	939	0	0	42	0	0
MISSISSIPPI COL	124	0	0	0	0	0	0	124	0	0	12	0	0
MISSISSIPPI INDUS COL	137	0	0	0	0	0	0	137	0	0	0	0	0
MISSISSIPPI STATE UNIV	9,439	8,785	0	0	184	0	190	1,793	141	169	271	0	0
NATCHEZ JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
NORTHEAST MISS JR COL	119	0	0	0	0	0	0	119	0	0	0	0	0
NORTHWEST MISS JR COL	184	0	0	0	0	0	0	184	0	0	0	0	0
PEARL RIVER JR COL	93	0	0	0	0	0	0	93	0	0	0	0	0
PERKINSTON COL	0	0	0	0	0	0	0	0	0	0	0	0	0
PRENTISS NORM & IND INST	189	0	0	0	0	0	0	189	0	0	0	0	0
RUST COL	1,439	0	0	0	0	0	0	1,731	0	0	7	0	0
SAINTS JR COL	15	0	0	0	0	0	0	15	0	0	0	0	0
SOUTHWEST MISS JR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
TOUGALOO COL	827	0	0	0	0	0	0	827	0	0	0	0	0
UNIV OF MISSISSIPPI	8,797	0	59	77	255	0	0	1,767	0	19	674	0	0
UNIV OF SOUTHERN MISS	484	0	0	0	0	0	0	569	0	10	93	0	0
UTICA JR COL	307	0	0	0	0	0	0	307	0	0	0	0	0
WILLIAM CAREY COL	142	0	0	0	0	0	0	142	0	0	0	0	0
WOOD JR COL	29	0	0	0	0	0	0	29	0	0	0	0	0
MISSOURI, TOTAL	94,721	5,904	376	0	7,928	0	711	77,747	991	1,054	4,929	79	911
AVILA COL	192	0	0	0	0	0	0	192	0	0	0	0	0
CENTRAL BIBLE COLLEGE	99	0	0	0	0	0	0	99	0	0	0	0	0
CENTRAL METHODIST COL	41	0	0	0	0	0	0	39	0	0	0	0	0
CENTRAL MO STATE COL	553	0	0	0	0	0	0	569	0	0	0	0	0
COLUMBIA COLLEGE	14	0	0	0	0	0	0	14	0	0	0	0	0
CONCORDIA SEMINARY	58	0	0	0	0	0	0	58	0	0	0	0	0
COTTEY COL	19	0	0	0	0	0	0	19	0	0	0	0	0
CROWDER COL	57	0	0	0	0	0	0	57	0	0	0	0	0
CULVER-STOCKTON COL	78	0	0	0	0	0	0	78	0	0	0	0	0
DRURY COL	152	0	0	0	0	0	0	149	0	0	0	0	0
E CENTRAL JUNIOR COLLEGE	782	0	0	0	0	0	0	782	0	0	0	0	0
ELEA THEOLOGICAL SEMINARY	27	0	0	0	0	0	0	27	0	0	0	0	0
EVANGEL COL	239	0	0	0	0	0	0	239	0	0	0	0	0
FONTBONNE COL	133	0	0	0	0	0	0	133	0	0	0	0	0
HARRIS TCHRS COL	147	0	0	0	0	0	0	147	0	0	0	0	0
IMMACULATE CONCEPTION SEM	1	0	0	0	0	0	0	1	0	0	0	0	0
JEFFERSON COL	41	0	0	0	0	0	0	41	0	0	0	0	0
KANSAS CITY ART INST	169	0	0	0	0	0	0	169	0	0	0	0	0
KANSAS CITY COL OF OSTEOP	1,707	0	0	0	0	0	0	1,707	0	0	0	0	0
KIRKSVILLE COL OF OSTEOP	1,384	0	0	0	0	0	0	1,384	0	0	0	0	0
LINCOLN UNIV	807	19	0	0	0	0	0	749	0	0	70	0	0
LINDENWOOD COL	67	0	0	0	0	0	0	67	0	0	0	0	0
LONGVIEW COMMUNITY COL	11	0	0	0	0	0	0	11	0	0	0	0	0
MAPLE WOODS COMMUNITY COL	0	0	0	0	0	0	0	0	0	0	0	0	0
MARILLAC COL	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYVILLE COL SAC HEART	67	0	0	0	0	0	0	67	0	0	0	0	0
MINERAL AREA COL	137	0	0	0	0	0	0	137	0	0	0	0	0
MISSOURI BAPTIST COL	69	0	0	0	0	0	0	69	0	0	0	0	0
MISSOURI SOUTHERN COL	61	0	0	0	0	0	0	61	0	0	0	0	0
MISSOURI VALLEY COL	65	0	0	0	0	0	0	65	0	0	0	0	0
MISSOURI WESTERN COL	401	0	0	0	0	0	0	367	0	0	0	0	0
MOBERLY JR COL	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHEAST MO ST COL	943	0	0	0	0	0	0	819	0	0	178	0	0
NORTHWEST MO STATE COL	417	0	0	0	0	0	0	487	0	0	11	0	0
PARK COL	373	0	0	0	0	0	0	373	0	0	0	0	0
PENN VALLEY COMMUNITY COL	720	0	0	0	0	0	0	720	0	0	0	0	0
ROCKHURST COL	763	0	0	0	0	0	0	731	0	0	32	0	0
SCHOOL OF THE OZARKS	189	0	0	0	0	0	0	189	0	0	0	0	0
SOUTHEAST MO STATE COL	787	0	0	0	0	0	0	781	0	0	9	0	0
SOUTHWEST BAPTIST COL	719	0	0	0	0	0	0	719	0	0	0	0	0
SOUTHWEST MO STATE COL	907	0	0	0	0	0	0	889	0	0	18	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	DOC	DOD	DOE	HEW	DOI	NASA	NSF	DOT	OTHERS
MISSOURI												
ST LOUIS COL OF PHARMACY	168	x	x	x	x	x	0	168	x	x	0	x	0
ST LOUIS JR COLLEGE DIST	464	x	x	x	x	x	0	464	x	x	0	x	0
ST LOUIS UNIV	19,064	x	x	x	87	x	0	17,911	x	x	651	x	10
ST MARYS COL OF O'FALLON	27	x	x	x	x	x	0	27	x	x	0	x	0
ST PAULS COL	19	x	x	x	x	x	0	19	x	x	0	x	0
STATE FAIR COMM COLLEGE	7	x	x	x	x	x	0	7	x	x	0	x	0
STEPHENS COL	39	x	x	x	x	x	0	39	x	x	0	x	0
TARKIO COL	144	x	x	x	x	x	0	144	x	x	74	x	0
TABLE RIVERS JR COL	119	x	x	x	x	x	0	119	x	x	0	x	0
TRENTON JR COL	23	x	x	x	x	x	0	23	x	x	0	x	0
UNIV OF MISSOURI COLUMBIA	22,340	9,981	61	x	919	x	140	11,901	164	192	1,341	11	84
UNIV OF MISSOURI KAN CITY	11,766	x	x	x	x	x	21	10,410	53	74	48	2	0
UNIV OF MISSOURI ROLLA	1,456	x	54	x	265	x	137	730	177	x	704	19	2
UNIV OF MISSOURI ST LOUIS	452	x	x	x	39	x	43	269	x	x	93	x	19
UNIV OF MO REV SVS	387	x	x	x	x	x	0	367	x	x	13	x	0
WASHINGTON UNIV	29,481	x	220	x	1,939	x	0	21,434	x	876	1,868	0	332
WEBSTER COL	192	x	x	x	x	x	0	192	x	x	0	x	0
WESTMINSTER COL	61	x	1	x	x	x	0	60	x	x	0	x	0
WILLIAM JEWELL COL	53	x	x	x	x	x	0	51	x	x	0	x	0
WILLIAM WOODS COL	64	x	x	x	x	x	0	64	x	x	0	x	0
MONTANA, TOTAL	9,719	1,939	92	3	194	x	247	5,339	389	23	1,826	3	3
CARROLL COL	183	x	x	x	x	x	0	183	x	x	0	x	0
COL OF GREAT FALLS	79	x	x	x	x	x	0	79	x	x	0	x	0
DAWSON COL	24	x	x	x	x	x	0	24	x	x	0	x	0
EASTERN MONTANA COL	1,799	x	x	x	x	x	0	1,799	x	x	0	x	0
FLATHEAD VALLEY COMM COL	167	x	x	x	x	x	0	139	x	x	28	x	0
MILES COMMUNITY COL	17	x	x	x	x	x	0	17	x	x	0	x	0
MONTANA COL MINERAL SCI	84	x	x	x	x	x	0	74	x	x	10	x	0
MONTANA STATE UNIV	4,789	1,929	65	3	150	x	191	1,919	263	x	561	x	0
NORTHERN MONTANA COL	114	x	x	x	x	x	0	114	x	x	0	x	0
REGAY MOUNTAIN COL	67	x	x	x	x	x	0	67	x	x	0	x	0
UNIV OF MONTANA	2,737	11	3	x	x	x	56	1,919	32	15	693	x	0
WESTERN MONTANA COL	157	x	x	x	x	x	0	157	x	x	0	x	0
NEBRASKA, TOTAL	29,371	1,264	51	21	93	x	84	23,761	153	19	711	x	243
BELLEVUE COLLEGE	11	x	x	x	x	x	0	11	x	x	0	x	0
CENTRAL NEB TECHNICAL COL	17	x	x	x	x	x	0	17	x	x	0	x	0
CHADRON STATE COL	344	x	x	x	x	x	0	344	x	x	0	x	0
COL OF ST MARY	271	x	x	x	x	x	0	271	x	x	0	x	0
CONCORDIA TCHRS COL	84	x	x	x	x	x	0	84	x	x	0	x	0
CREIGHTON UNIV	9,199	x	x	x	x	x	0	9,199	x	x	19	x	0
DANA COL	56	x	x	x	x	x	0	56	x	x	0	x	0
DOANE COL	233	x	x	x	x	x	0	233	x	x	0	x	0
FAIRBURY JR COL	31	x	x	x	x	x	0	31	x	x	0	x	0
HASTINGS COL	69	x	x	x	x	x	0	69	x	x	0	x	0
HIRAM SCOTT COL	9	x	x	x	x	x	0	9	x	x	0	x	0
JOHN F KENNEDY COL	69	x	x	x	x	x	0	69	x	x	0	x	0
KEARNEY STATE COL	305	x	x	x	x	x	0	305	x	x	0	x	0
MCCOOK COLLEGE	7	x	x	x	x	x	0	7	x	x	0	x	0
MIDLAND LUTHERAN COL	197	x	x	x	x	x	0	197	x	x	0	x	0
NEBRASKA WESLEYAN UNIV	265	x	x	x	x	x	0	154	x	x	111	x	0
NEBRASKA WESTERN COLLEGE	181	x	x	x	x	x	0	181	x	x	0	x	0
NORTH PLATTE JR COL	17	x	x	x	x	x	0	17	x	x	0	x	0
NORTHEASTERN NEBRASKA COL	57	x	x	x	x	x	0	57	x	x	0	x	0
PERSHING COL	6	x	x	x	x	x	0	6	x	x	0	x	0
PERU STATE COL	129	x	x	x	x	x	0	129	x	x	0	x	0
PLATTE JR COL	199	x	x	x	x	x	0	199	x	x	0	x	0
U OF NEB MED CTR AT OMAHA	5,697	x	x	x	x	x	23	5,674	x	x	0	x	0
UNION COL	119	x	x	x	x	x	0	119	x	x	0	x	0
UNIV OF NEBRASKA OMAHA	748	x	x	x	x	x	0	748	x	x	0	x	0
UNIV OF NEBRASKA-LINCOLN	9,499	1,264	51	21	39	x	61	9,499	153	19	579	x	243
UNIV OF NEBRASKA-OMAHA	407	x	x	x	19	x	0	388	x	x	1	x	0
WAYNE STATE COL	227	x	x	x	x	x	0	227	x	x	0	x	0
YORK COL	214	x	x	x	x	x	0	214	x	x	0	x	0

WILLIAM WOODS COL	64	0	0	0	0	0	0	64	0	0	0	0	0
MONTANA, TOTAL	9,717	1,939	92	9	194	9	267	5,279	699	33	1,826	0	0
CARROLL COL	283	0	0	0	0	0	0	283	0	0	0	0	0
COL OF GREAT FALLS	79	0	0	0	0	0	0	79	0	0	0	0	0
DAWSON COL	28	0	0	0	0	0	0	28	0	0	0	0	0
EASTERN MONTANA COL	1,799	0	0	0	0	0	0	1,799	0	0	0	0	0
FLATHEAD VALLEY COMM COL	167	0	0	0	0	0	0	139	0	0	28	0	0
MILES COMMUNITY COL	97	0	0	0	0	0	0	97	0	0	0	0	0
MONTANA COL MINERAL SCI	94	0	0	0	0	0	0	79	0	0	15	0	0
MONTANA STATE UNIV	4,789	1,939	69	9	194	0	191	1,919	643	0	834	0	0
NORTHERN MONTANA COL	114	0	0	0	0	0	0	114	0	0	0	0	0
ROCKY MOUNTAIN COL	67	0	0	0	0	0	0	67	0	0	0	0	0
UNIV OF MONTANA	2,730	0	23	0	0	0	76	1,619	56	33	923	0	0
WESTERN MONTANA COL	157	0	0	0	0	0	0	157	0	0	0	0	0
NEBRASKA, TOTAL	28,171	3,284	91	27	93	0	66	23,761	193	19	736	0	293
BELLEVUE COLLEGE	11	0	0	0	0	0	0	11	0	0	0	0	0
CENTRAL NEB TECHNICAL COL	17	0	0	0	0	0	0	17	0	0	0	0	0
CHADRON STATE COL	384	0	0	0	0	0	0	384	0	0	0	0	0
COL OF ST MARY	271	0	0	0	0	0	0	271	0	0	0	0	0
CONCORDIA TCHRS COL	54	0	0	0	0	0	0	54	0	0	0	0	0
CREIGHTON UNIV	9,199	0	0	0	0	0	0	9,184	0	0	15	0	0
DANA COL	56	0	0	0	0	0	0	56	0	0	0	0	0
DOANE COL	233	0	0	0	0	0	0	233	0	0	0	0	0
FAIRBURY JR COL	31	0	0	0	0	0	0	31	0	0	0	0	0
HASTINGS COL	65	0	0	0	0	0	0	65	0	0	0	0	0
HIRAM SCOTT COL	5	0	0	0	0	0	0	5	0	0	0	0	0
JOHN F KENNEDY COL	67	0	0	0	0	0	0	67	0	0	0	0	0
KEARNEY STATE COL	303	0	0	0	0	0	0	301	0	0	2	0	0
MCCOOK COLLEGE	7	0	0	0	0	0	0	7	0	0	0	0	0
MIDLAND LUTHERAN COL	107	0	0	0	0	0	0	105	0	0	2	0	0
NEBRASKA WESLEYAN UNIV	265	0	0	0	0	0	0	154	0	0	111	0	0
NEBRASKA WESTERN COLLEGE	185	0	0	0	0	0	0	185	0	0	0	0	0
NORTH PLATTE JR COL	15	0	0	0	0	0	0	15	0	0	0	0	0
NORTHEASTERN NEBRASKA COL	57	0	0	0	0	0	0	57	0	0	0	0	0
PERSHING COL	0	0	0	0	0	0	0	0	0	0	0	0	0
PERU STATE COL	128	0	0	0	0	0	0	128	0	0	0	0	0
PLATTE JR COL	298	0	0	0	0	0	0	298	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	5,697	0	0	0	0	0	27	5,670	0	0	0	0	0
UNION COL	119	0	0	0	0	0	0	117	0	0	2	0	0
UNIV OF NEBRASKA CEN SYS	948	0	0	0	0	0	0	0	0	0	0	0	293
UNIV OF NEBRASKA-LINCOLN	9,699	3,244	91	27	77	0	41	9,489	193	19	598	0	0
UNIV OF NEBRASKA-OMAHA	407	0	0	0	16	0	0	391	0	0	1	0	0
WAYNE STATE COL	727	0	0	0	0	0	0	727	0	0	0	0	0
YORK COL	218	0	0	0	0	0	0	218	0	0	0	0	0
NEVADA, TOTAL	6,761	992	124	26	311	0	46	5,936	966	6	750	0	0
DESERT RESEARCH INSTITUTE	618	0	0	26	0	0	46	0	296	0	440	0	0
ELKO COMMUNITY COLLEGE	87	0	0	0	0	0	0	87	0	0	0	0	0
SIERRA NEVADA COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
UNIV OF NEV RENO CAMPUS	4,615	992	124	0	311	0	0	5,180	710	0	272	0	0
UNIV OF NEVADA REN SYS	54	0	0	0	0	0	0	22	0	0	32	0	0
UNIV OF NEVADA LAS VEGAS	481	0	47	0	0	0	0	420	0	6	2	0	0
NEW HAMPSHIRE, TOTAL	19,357	1,329	41	759	491	0	69	17,484	133	1,158	2,157	0	0
BELKNAP COL	34	0	0	0	0	0	0	34	0	0	0	0	0
COLBY JR COL FOR WOMEN	4	0	0	0	0	0	0	4	0	0	0	0	0
DARTMOUTH COL	12,485	0	31	0	424	0	22	11,727	93	147	1,041	0	0
FRANCONIA COL	29	0	0	0	0	0	0	29	0	0	0	0	0
FRANKLIN PIERCE COL	53	0	0	0	0	0	0	53	0	0	0	0	0

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	HEW	DOD	DOT	NSF	EPA	NSF	LEAA	NASA	VAP	DOI	OTHERS
NEW HAMPSHIRE													
KEENE STATE COLLEGE	124	X	X	X	X	X	X	124	X	X	0	X	0
MT ST MARY COL	89	X	X	X	X	X	X	89	X	0	0	X	0
N H VOC INST MANCHESTER	7	X	X	X	X	X	X	7	X	0	0	0	0
N H VOC INST PORTSMOUTH	0	X	X	X	X	X	X	0	X	0	0	0	0
NATHANIEL HAWTHORNE COL	59	X	X	X	X	X	X	57	X	0	2	0	0
NEW ENGLAND AERONAUT INST	29	X	X	X	X	X	X	29	X	0	0	0	0
NEW ENGLAND COL	87	X	X	X	X	X	X	87	X	0	0	0	0
NEW HAMPSHIRE COLLEGE	481	X	X	X	X	X	X	467	X	0	14	0	0
NEW HAMPSHIRE TECH INST	19	X	X	X	X	X	X	19	X	0	0	0	0
NOTRE DAME COL	193	X	X	X	X	X	X	193	X	0	0	0	0
PLYMOUTH STATE COLLEGE	77	X	0	0	X	X	X	67	X	0	10	0	0
RIVIER COL	29	X	X	X	X	X	X	29	X	0	0	0	0
ST ANSELMS COL	332	X	X	X	X	X	X	328	X	0	0	0	0
ST ANTHONY SEMINARY	24	X	X	X	24	X	X	X	X	0	0	0	0
UNIV OF N H DURHAM	9,701	1,329	17	259	64	X	47	1,961	175	1,861	549	0	0
WHITE PINES COLLEGE	X	X	X	X	X	X	X	X	X	0	0	0	0
NEW JERSEY, TOTAL	55,429	2,574	2,751	767	7,959	931	493	32,710	194	3,015	9,197	255	71
ALPHONSUS COL	17	X	0	X	0	0	X	17	X	0	0	0	0
ATLANTIC COMM COL	69	X	0	X	X	X	X	69	X	0	0	0	0
BERGEN COMMUNITY COLLEGE	79	X	0	X	X	X	X	79	X	0	0	0	0
BETH MEDRASH GEVOHA AMER	153	X	0	X	X	X	X	153	X	0	0	0	0
BLOOMFIELD COL	321	X	X	X	X	X	X	321	X	0	0	0	0
BROOKDALE COMMUNITY COLL	110	X	X	X	X	X	X	98	X	0	12	0	0
BURLINGTON COUNTY COL	92	X	X	X	X	X	X	92	X	0	0	0	0
CALDWELL COLLEGE	91	X	X	X	X	X	X	91	X	0	0	0	0
CAMDEN COUNTY COL	711	X	X	X	X	X	X	711	X	0	0	0	0
COL OF ST ELIZABETH	197	X	X	X	X	X	X	139	X	0	58	0	0
COUNTY COL OF MORRIS	24	X	X	X	X	X	X	24	X	0	0	0	0
CUMBERLAND COUNTY COL	105	X	X	X	X	X	X	105	X	0	0	0	0
DON BUSCO COL	2	X	X	X	X	X	X	2	X	0	0	0	0
DREW UNIV	768	X	X	X	X	X	X	66	X	0	702	0	0
EAGLEWOOD CLIFFS COLLEGE	0	X	X	X	X	X	X	0	X	0	0	0	0
ESSEX COUNTY COLLEGE	937	X	X	X	X	X	X	920	X	0	17	0	0
FAIRLEIGH DICKINSON UNIV	668	X	X	X	X	X	X	618	X	X	50	0	0
FELICIAN COL	0	X	X	X	X	X	X	0	X	0	0	0	0
GEORGIAN COURT COL	28	X	X	X	X	X	X	28	X	0	0	0	0
GLASSBORO STATE COL	463	X	X	X	X	X	X	369	X	0	94	0	0	0
GLOUCESTER COUNTY COL	85	X	X	X	X	X	X	85	X	0	0	0	0
JERSEY CITY STATE COL	715	X	X	X	36	X	X	679	X	X	0	0	0
LUTHER COL PUBLIC LIB ARTS	17	X	X	X	X	X	X	17	X	0	0	0	0
MERCER COUNTY COMM COL	969	X	X	X	X	X	X	952	X	0	17	0	0
MIDDLESEX COUNTY COL	439	X	X	X	X	X	X	427	X	0	12	0	0
MONMOUTH COL	178	X	X	X	39	X	X	139	X	X	39	0	0
MONTCLAIR STATE COL	486	X	X	X	X	X	X	366	X	0	120	0	0
N J COL OF MED&DENTISTRY	4,953	X	X	X	X	X	X	4,929	X	X	24	0	0
NEWARK COL OF ENGINEERING	467	X	X	X	31	X	33	91	X	92	115	140	0
NEWARK STATE COL	319	X	0	X	X	X	X	312	X	0	7	0	0
NORTHEASTERN COL PUBLIC IN	29	X	0	X	X	X	X	29	X	0	0	0	0
OCEAN COUNTY COL	78	X	X	X	X	X	X	78	X	0	0	0	0
PRINCETON THEOL SEM	19	X	X	X	X	X	X	19	X	0	0	0	0
PRINCETON UNIV	19,109	X	2,769	69	1,969	X	69	4,969	X	3,479	3,479	147	1
RAMAPO COLLEGE OF N J	31	X	X	X	X	X	X	31	X	0	0	0	0
RICHARD STOCKTON ST COLL	69	X	0	X	X	X	X	69	X	0	0	0	0
RIDER COL	179	X	0	X	X	X	X	109	X	0	70	0	0
RUTGERS UNIVERSITY	19,469	2,574	99	X	769	931	369	11,729	194	111	2,113	0	19
SETON HALL UNIV	1,769	X	X	X	13	X	X	1,679	X	0	41	0	0
SOMERSET COUNTY COL	27	X	X	X	X	X	X	16	X	0	11	0	0
ST PETERS COL	1,709	0	0	0	469	X	X	497	X	0	10	0	0
STEVENS INST OF TECH	1,105	X	643	769	X	X	69	231	X	79	692	0	0
TOMBROCK COL	88	X	X	X	X	X	X	88	X	0	0	0	0
TRENTON STATE COL	1,594	X	0	X	X	X	X	1,479	X	0	91	0	0
UNION COL	149	X	X	X	X	X	X	139	X	0	7	0	0
UNION COUNTY TECH INST	13	X	X	X	X	X	X	X	X	0	13	0	0
UPSALA COL	369	X	X	X	X	X	X	131	X	0	219	0	0
WALSH COLLEGE	X	X	X	X	X	X	X	X	X	0	0	0	0
WESTMINSTER CHOIR COL	27	X	X	X	X	X	X	27	X	0	0	0	0
WILLIAM PATERSON COLLEGE	141	X	X	X	X	X	X	141	X	X	X	0	0

BETH MEDRASH GEVOHA ATEM	153	*	*	*	*	*	*	151	*	*	*	*	*
BLOOMFIELD COL	321	*	*	*	*	*	*	321	*	*	0	*	*
BROOKDALE COMMUNITY COLL	116	*	*	*	*	*	*	116	*	*	0	*	*
BURLINGTON COUNTY COL	72	*	*	*	*	*	*	55	*	*	13	*	*
CALDWELL COLLEGE	91	*	*	*	*	*	*	91	*	*	0	*	*
CAMDEN COUNTY COL	711	*	*	*	*	*	*	711	*	*	0	*	*
CCL OF ST ELIZABETH	137	*	*	*	*	*	*	137	*	*	71	*	*
CCUNTY COL OF MORRIS	24	*	*	*	*	*	*	24	*	*	0	*	*
CLMBERLAND COUNTY COL	105	*	*	*	*	*	*	105	*	*	8	*	*
DCN BUSCO COL	2	*	*	*	*	*	*	2	*	*	0	*	*
DREW UNIV	766	*	*	*	*	*	*	64	*	*	242	*	*
EAGLEWOOD CLIFFS COLLEGE	6	*	*	*	*	*	*	6	*	*	0	*	*
ESSEX COUNTY COLLEGE	937	*	*	*	*	*	*	924	*	*	13	*	*
FAIRLEIGH DICKINSON UNIV	668	*	*	*	*	*	*	615	*	*	39	*	*
FELICIAN COL	6	*	*	*	*	*	*	6	*	*	0	*	*
GEORGIAN COURT COL	28	*	*	*	*	*	*	28	*	*	2	*	*
GLASSBORO STATE COL	442	*	*	*	*	*	*	386	*	*	56	*	*
GLOUCESTER COUNTY COL	87	*	*	*	*	*	*	87	*	*	0	*	*
JERSEY CITY STATE COL	715	*	*	*	38	*	*	677	*	*	0	*	*
LUTHER COL BIBLE LIB ARTS	17	*	*	*	*	*	*	17	*	*	0	*	*
MERCER COUNTY COMM COL	949	*	*	*	*	*	*	932	*	*	17	*	*
MIDDLESEX COUNTY COL	679	*	*	*	*	*	*	666	*	*	13	*	*
MONMOUTH COL	139	*	*	*	21	*	*	135	*	*	78	*	*
MONTCLAIR STATE COL	986	*	*	*	*	*	*	786	*	*	170	*	*
N J COL OF MEDAENTISTRY	4,953	*	*	*	*	*	*	4,926	*	*	27	*	*
NEWARK COL OF ENGINEERING	467	*	*	*	31	*	32	97	*	92	115	100	*
NEWARK STATE COL	719	*	*	*	*	*	*	712	*	*	7	*	*
NORTHEASTERN COL BIBLE IN	29	*	*	*	*	*	*	29	*	*	0	*	*
OCEAN COUNTY COL	75	*	*	*	*	*	*	75	*	*	0	*	*
PRINCETON THEOL SEM	19	*	*	*	*	*	*	19	*	*	0	*	*
PRINCETON UNIV	14,149	*	2,766	66	1,961	*	49	4,469	*	3,474	3,474	177	7
RAMAPO COLLEGE OF N J	35	*	*	*	*	*	*	35	*	*	0	*	*
RICHARD STOCKTON ST COLL	45	*	*	*	*	*	*	45	*	*	0	*	*
RIDER COL	175	*	*	*	*	*	*	146	*	*	29	*	*
RUTGERS UNIVERSITY	19,489	2,974	94	*	787	931	366	11,725	105	111	4,113	*	14
SETON HALL UNIV	1,768	*	*	*	12	*	*	1,674	*	*	81	*	*
SOMERSET COUNTY COL	27	*	*	*	*	*	*	16	*	*	11	*	*
ST PETERS COL	1,289	*	*	*	968	*	*	481	*	*	70	*	*
STEVENS INST OF TECH	1,105	*	783	737	*	*	49	733	*	39	692	*	*
TCMBROOK COL	88	*	*	*	*	*	*	88	*	*	0	*	*
TRENTON STATE COL	1,554	*	*	*	*	*	*	1,473	*	*	81	*	*
UNION COL	143	*	*	*	*	*	*	136	*	*	7	*	*
UNION COUNTY TECH INST	13	*	*	*	*	*	*	*	*	*	13	*	*
UPSALA COL	349	*	*	*	*	*	*	131	*	*	218	*	*
WALSH COLLEGE	6	*	*	*	*	*	*	6	*	*	0	*	*
WESTMINSTER CHOIR COL	27	*	*	*	*	*	*	27	*	*	0	*	*
WILLIAM PATERSON COLLEGE	347	*	*	*	*	*	*	347	*	*	0	*	*
NEW MEXICO, TOTAL	28,794	1,992	72	21	4,931	987	87	11,737	934	2,393	1,770	104	0
CCL OF ARTESIA	47	*	*	*	*	*	*	47	*	*	0	*	*
CCL OF SANTA FE	566	*	*	*	*	*	*	564	*	*	2	*	*
EASTERN NEW MEXICO UNIV	1,952	*	*	*	*	674	*	965	*	*	13	*	*
NEW MEX INST MINING & TEC	1,154	*	3	*	987	*	*	72	*	*	605	*	*
NEW MEXICO HIGHLANDS UNIV	637	*	7	*	*	*	*	551	*	*	73	*	*
NEW MEXICO JR COL	19	*	*	*	*	*	*	19	*	*	0	*	*
NEW MEXICO MILITARY INST	11	*	*	*	*	*	*	11	*	*	0	*	*
NEW MEXICO STATE UNIV	17,693	1,983	3	*	4,919	*	71	1,480	934	1,674	470	99	*
UNIV OF ALBUQUERQUE	497	*	*	*	24	*	*	764	*	*	10	*	*
UNIV OF NEW MEXICO	11,705	*	60	21	1,977	711	16	7,761	*	712	710	79	*
WESTERN NEW MEXICO UNIV	183	*	*	*	*	*	*	181	*	*	1	*	*

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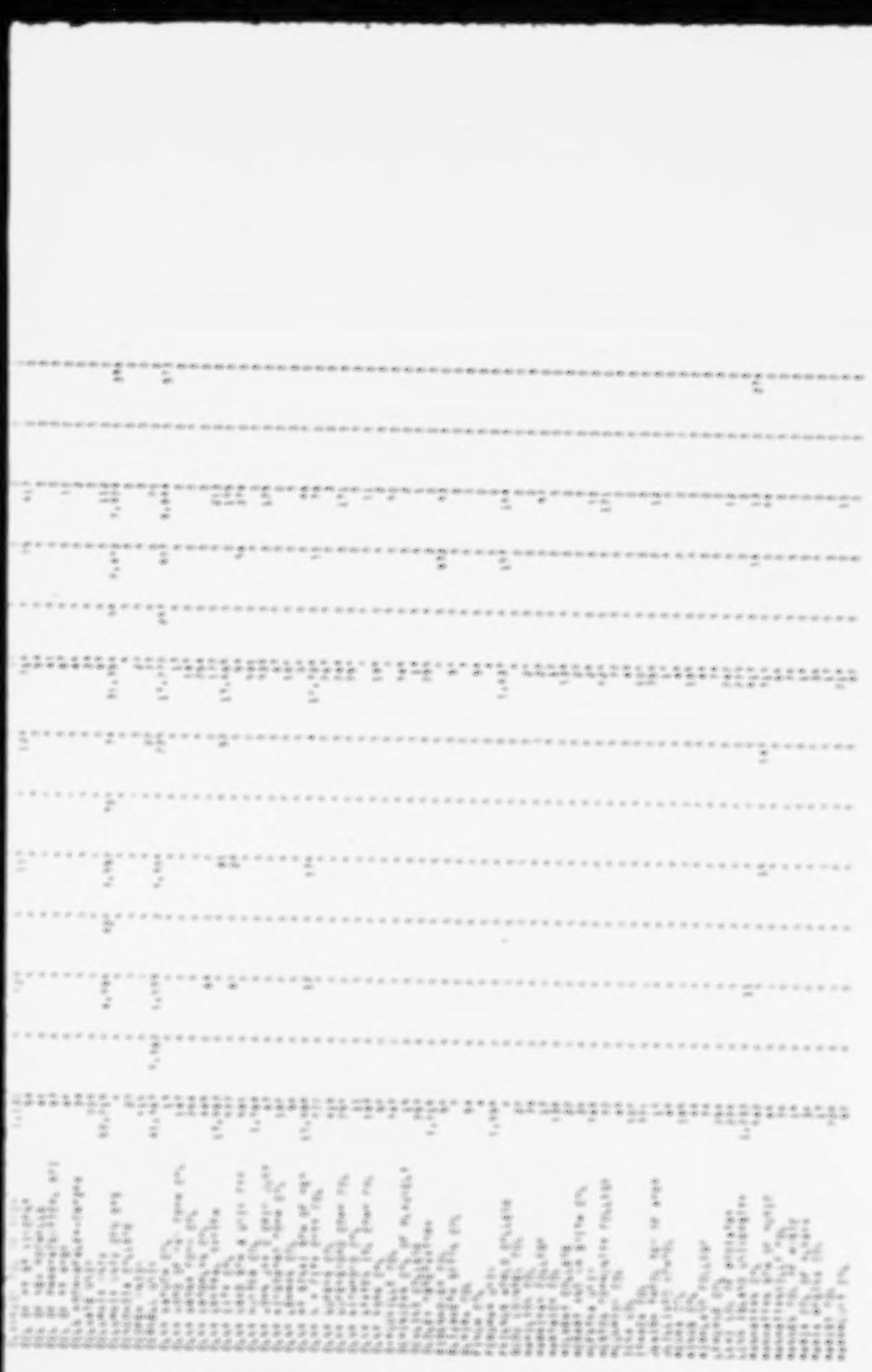
TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	HEW	DOM	DOT	NSF	OEO	HEW	ITP	NASA	VET	DOT	OTHERS
NEW YORK, TOTAL	339,988	7,615	15,488	1,771	17,144	1,421	1,734	241,781	708	7,170	41,393	418	3,991
ACADEMY OF AERONAUTICS	3	0	0	0	0	0	0	3	0	0	0	0	0
ADELPHI UNIV	1,581	0	0	0	0	0	51	1,369	0	0	101	0	0
ALBANY COL OF PHARMACY	279	0	0	0	0	0	0	279	0	0	0	0	0
ALBANY LAW SCHOOL	8	0	0	0	0	0	0	8	0	0	0	0	0
ALBANY MEDICAL COL	4,945	0	0	0	0	0	0	4,837	0	0	10	0	0
ALFRED UNIV	318	0	0	0	0	0	0	196	0	0	22	0	0
BANK STREET COL OF ED	488	0	0	0	0	398	0	467	0	0	13	0	0
BARD COL	35	0	0	0	0	0	0	35	0	0	0	0	0
BARNARD COL	191	0	0	0	14	0	0	115	0	0	60	0	0
BENNETT COL	9	0	0	0	0	0	0	9	0	0	0	0	0
BRIARCLIFF COL	8	0	0	0	0	0	0	8	0	0	0	0	0
BROOKLYN LAW SCHOOL	10	0	0	0	0	0	0	10	0	0	0	0	0
CANISIUS COL	564	0	0	0	0	0	0	527	0	0	37	0	0
CATH COL IMMAC CONCEPTION	28	0	0	0	0	0	0	28	0	0	0	0	0
CAZENOVIA COL	11	0	0	0	0	0	0	9	0	0	2	0	0
CEN YESH TOH TMIMIM LUBUZ	95	0	0	0	0	0	0	95	0	0	0	0	0
CLARKSON COL OF TECH	1,130	0	129	0	119	0	128	718	7	35	617	0	0
COL OF MT ST VINCENT	54	0	0	0	0	0	0	54	0	0	0	0	0
COL OF NEW ROCHELLE	41	0	0	0	0	0	0	41	0	0	0	0	0
COL OF PHARMACEUTICAL SCI	97	0	0	0	0	0	0	87	0	0	10	0	0
COL OF ST ROSE	46	0	0	0	0	0	0	46	0	0	0	0	0
COLG BOCH-BEXLEY-CRNZER	38	0	0	0	0	0	0	38	0	0	0	0	0
COLGATE UNIV	289	0	0	0	0	0	0	97	0	0	192	0	0
COLUMBIA UNIV	52,719	0	4,596	429	1,993	705	74	31,394	98	2,442	7,929	0	389
COLUMBIA UNIV CEN SYS	6	0	0	0	0	0	0	6	0	0	0	0	0
CONCORDIA COLLEGE	27	0	0	0	0	0	0	27	0	0	0	0	0
COOPER UNION	115	0	0	0	0	0	22	73	0	0	20	0	0
CORNELL UNIV	41,367	7,302	1,579	2	1,556	0	225	17,279	297	967	9,844	0	573
CUNY BARUCH COL	13	0	0	0	0	0	0	13	0	0	0	0	0
CUNY BORO OF MAN COMM COL	147	0	0	0	0	0	0	147	0	0	0	0	0
CUNY BRONX COMM COL	264	0	0	0	0	0	0	264	0	0	0	0	0
CUNY BROOKLYN COL	449	0	66	0	0	0	0	172	0	0	211	0	0
CUNY CENTRAL SYSTEM	13,993	0	0	0	81	0	93	13,605	0	0	199	0	0
CUNY CITY COL	977	0	61	0	28	0	0	58	0	56	379	0	0
CUNY GRAD SCH & UNIV CTR	501	0	0	0	0	0	0	501	0	0	0	0	0
CUNY HUNTER COL	1,764	0	0	0	0	0	0	939	0	0	129	0	0
CUNY JOHN JAY C CRIM JUST	67	0	0	0	0	0	0	67	0	0	0	0	0
CUNY KINGSBRO COMM COL	187	0	0	0	0	0	0	187	0	0	0	0	0
CUNY LEHMAN COL	96	0	0	0	0	0	0	50	0	0	46	0	0
CUNY MT SINAI SCH OF MED	10,988	0	12	0	176	0	4	10,708	0	10	78	0	0
CUNY N Y CITY CMTY COL	370	0	0	0	0	0	0	367	0	0	3	0	0
CUNY QUEENS COL	419	0	0	0	0	0	0	248	0	0	171	0	0
CUNY QUEENSBORO COMM COL	250	0	0	0	0	0	0	250	0	0	0	0	0
CUNY RICHMOND COL	11	0	0	0	0	0	0	0	0	0	11	0	0
CUNY STATEN ISL COMM COL	197	0	0	0	0	0	0	195	0	0	2	0	0
CUNY YORK COL	50	0	0	0	0	0	0	0	0	0	50	0	0
DAYLUVILLE COL	147	0	0	0	0	0	0	145	0	0	2	0	0
DOMINICAN COL OF BLAUVELT	15	0	0	0	0	0	0	14	0	0	1	0	0
DOWLING COLLEGE	297	0	0	0	0	0	0	295	0	0	2	0	0
DUDLEY OBSERVATORY	1,015	0	0	0	0	0	0	0	0	932	83	0	0
EISENHOWER COL	58	0	0	0	0	0	0	58	0	0	0	0	0
ELIZABETH SETON COL	7	0	0	0	0	0	0	7	0	0	0	0	0
ELMIRA COL	54	0	0	0	0	0	0	54	0	0	0	0	0
FINCH COL	4	0	0	0	0	0	0	4	0	0	0	0	0
FORDHAM UNIV	1,958	0	0	0	0	0	0	1,637	0	157	164	0	0
FRIENDS WORLD COLLEGE	8	0	0	0	0	0	0	8	0	0	0	0	0
GCOU COUNSEL COL	20	0	0	0	0	0	0	20	0	0	0	0	0
HAMILTON COL	79	0	0	0	0	0	0	22	0	0	57	0	0
HARRIMAN COLLEGE	17	0	0	0	0	0	0	17	0	0	0	0	0
HARTWICK COL	138	0	0	0	0	0	0	138	0	0	0	0	0
HILBERT COLLEGE	22	0	0	0	0	0	0	22	0	0	0	0	0
HOBART AND WM SMITH COL	38	0	0	0	0	0	0	28	0	0	10	0	0
HOFSTRA UNIV	749	0	0	0	0	0	0	629	0	0	121	0	0
HOSTOS COMMUNITY COLLEGE	72	0	0	0	0	0	0	72	0	0	0	0	0
HOUGHTON COL	49	0	0	0	0	0	0	49	0	0	0	0	0
ICNA COL	100	0	0	0	0	0	0	100	0	0	0	0	0
ITHACA COL	171	0	0	0	0	0	0	159	0	0	12	0	0



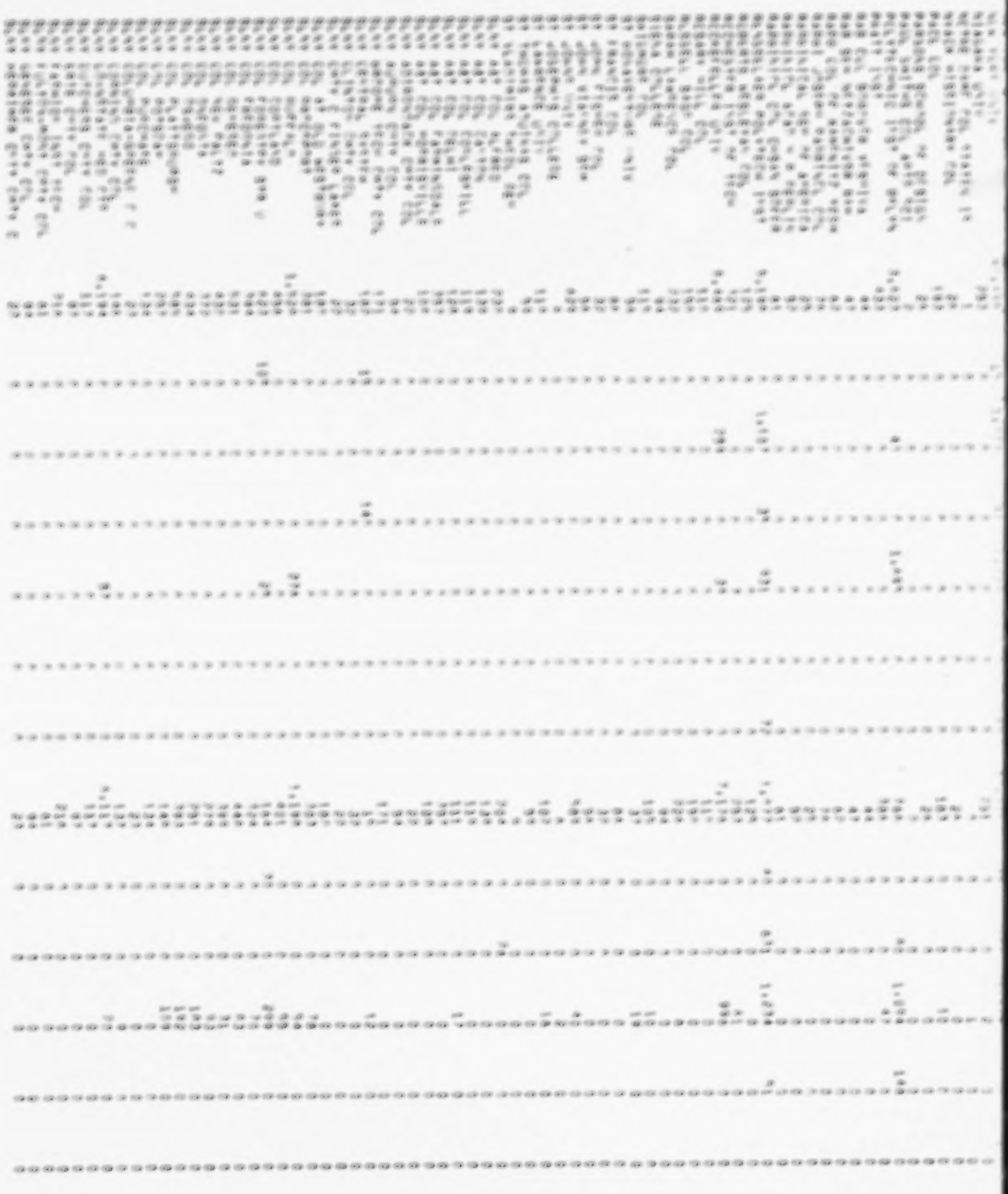


TABLE B-22

CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	DOD	AEC	HEW	NSF	NASA	OTHER	DOT	EPA	HUD	VA	OTHER
NEW YORK												
BLAIR MUNICIPAL STATE COLLEGE	525	0	0	0	0	0	0	525	0	0	0	0
BLAIR AGRICULTURAL COLLEGE	67	0	0	0	0	0	0	67	0	0	0	0
BLAIR AGRICULTURAL COLLEGE	61	0	0	0	0	0	0	61	0	0	0	0
BLAIR MARITIME COLLEGE	429	-	0	402	0	0	0	27	0	0	12	0
BLAIR MUSEUM AND COLLEGE	125	0	0	0	0	0	0	125	0	0	0	0
BLAIR MUSEUM COLLEGE	527	0	0	0	0	0	0	527	0	0	0	0
BLAIR NATURAL COLLEGE	729	0	0	0	0	0	0	729	0	0	0	0
BLAIR VILLAGE COLLEGE	129	0	0	0	0	0	0	129	0	0	0	0
BLAIR WATER COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0
BLAIR WATER COLLEGE	140	0	0	0	0	0	0	140	0	0	0	0
BLAIR LOCAL COLLEGE	150	0	0	0	0	0	0	150	0	0	0	0
BLAIR MUSEUM COLLEGE	1,500	0	0	0	0	0	0	1,500	0	0	0	0
BLAIR STATE COLLEGE	87	0	0	0	0	0	0	87	0	0	0	0
BLAIR U OF ALBANY	9,180	85	37	0	910	765	62	7,761	0	0	1,841	0
BLAIR U OF BINGHAMTON	1,210	0	0	0	0	0	0	430	0	0	204	0
BLAIR U OF BUFFALO	15,320	0	187	0	0	0	33	13,167	45	130	1,657	0
BLAIR U OF CENTRAL AMERICA	5,172	0	923	0	421	0	0	1,440	0	594	2,208	0
BLAIR BUFFALO STATE COLLEGE C	515	0	0	0	0	0	0	515	0	0	0	0
BLAIR BILLINGS STATE COLLEGE	210	0	0	0	0	0	70	135	0	0	0	0
BLAIR TECHNICAL COLLEGE	3,090	0	0	0	0	0	0	3,090	0	0	0	0
BLAIR WATER COLLEGE	91	0	0	0	0	0	0	91	0	0	0	0
BLAIR AGRICULTURAL COLLEGE	4,160	0	2	0	20	0	0	4,138	0	10	0	0
BLAIR AGRICULTURAL COLLEGE	60	0	0	0	0	0	0	60	0	0	0	0
BROOKLYN	7,900	20	170	0	917	0	105	4,917	133	70	1,655	150
TRAINING	4,183	0	0	0	0	0	0	3,930	0	0	370	0
TRAINING	60	0	0	0	0	0	0	60	0	0	0	0
UNION	490	0	0	0	0	0	0	700	0	0	211	0
UNION TRAIN, STATIONER	50	0	0	0	0	0	0	50	0	0	0	0
UNIV OF BINGHAMTON	21,480	0	4,920	0	1,970	0	37	10,140	0	130	3,993	0
UTICA COLLEGE	350	0	0	0	0	0	0	330	0	0	17	0
VASSAR	730	0	0	0	0	0	0	180	0	0	50	0
VILLA MARIA COL BUFFALO	11	0	0	0	0	0	0	11	0	0	0	0
WATKINS MILL	1	0	0	0	0	0	0	1	0	0	0	0
WAGNER	240	0	0	0	0	0	0	240	0	0	0	0
WELCH INST OF VISUAL ARTS	140	0	0	120	0	0	0	0	0	0	10	0
WELLS	20	0	0	0	0	0	0	20	0	0	0	0
YORK WATER LABOR BOARD INST	40	0	0	0	0	0	0	40	0	0	0	0
YORKVILLE UNIV	20,920	0	120	0	170	0	0	21,140	0	0	840	0
NORTH CAROLINA, TOTAL	110,000	2,260	1,930	180	8,260	740	210	71,230	250	890	8,891	180
APPALACHIAN STATE UNIV	140	0	0	0	0	0	0	120	0	0	20	0
ASHEVILLE-BUNCOMBE TECH INST	40	0	0	0	0	0	0	40	0	0	0	0
ATLANTIC CHRISTIAN COL	160	0	0	0	0	0	0	160	0	0	0	0
BARBER-SCOTIA COL	60	0	0	0	0	0	0	60	0	0	0	0
BLADEN TECH INST	11	0	0	0	0	0	0	11	0	0	0	0
BRUNSWICK APPR COL	20	0	0	0	0	0	0	20	0	0	0	0
BUNCOMBE COL	930	0	0	0	0	0	0	730	0	0	70	0
BURGAW COL	17	0	0	0	0	0	0	17	0	0	0	0
CALDWELL TECH INST CLARICE JOB	61	0	0	0	0	0	0	61	0	0	0	0
CAMPBELL COL	140	0	0	0	0	0	0	140	0	0	0	0
CAPE FEAR TECHNICAL INST	60	0	0	0	0	0	0	0	0	0	60	0
CAROLINA TECHNICAL INST	0	0	0	0	0	0	0	0	0	0	0	0
CARTERET TECHNICAL INST	10	0	0	0	0	0	0	10	0	0	0	0
CATAWBA COL	82	0	0	0	0	0	0	82	0	0	0	0
CATAWBA VALLEY TECH INST	15	0	0	0	0	0	0	15	0	0	0	0
CENTRAL PIEDMONT TECH INS	27	0	0	0	0	0	0	27	0	0	0	0
CENTRAL PIEDMONT TECH COL	1,760	0	0	0	0	0	0	1,760	0	0	0	0
CHOWAN COL	120	0	0	0	0	0	0	120	0	0	0	0
CIS OF THE PIEDMONTS	80	0	0	0	0	0	0	80	0	0	0	0
CRAVEN TECHNICAL INST	17	0	0	0	0	0	0	17	0	0	0	0
DAVIDSON COL	60	0	0	0	0	0	0	60	0	0	0	0
DAVIDSON TECHNICAL INST	20	0	0	0	0	0	0	20	0	0	0	0
DUKE UNIV	20,120	0	460	10	4,170	140	0	13,420	70	120	1,470	10
DURHAM TECHNICAL INST	81	0	0	0	0	0	0	81	0	0	0	0
EAST CAROLINA U	1,720	0	0	0	0	0	0	730	0	0	210	0
ELIZABETH CITY STATE UNIV	1,120	0	0	0	0	0	0	1,120	0	0	0	0

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CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	OEO	OTHERS
NORTH CAROLINA													
BITTERLL COL	1,240	R	R	R	R	R	R	1,230	R	R	10	R	R
LEES-MCRAE COL	80	R	R	R	R	R	R	80	R	R	R	R	R
LENOIR COMMUNITY COLLEGE	47	R	R	R	R	R	R	47	R	R	R	R	R
LENOIR-RHYNE COL	130	R	R	R	R	R	R	127	R	R	2	R	R
LIVINGSTONE COL	477	R	R	R	R	R	R	477	R	R	R	R	R
LOUISBURG COL	37	R	R	R	R	R	R	35	R	R	2	R	R
MARS HILL COL	181	R	R	R	R	R	R	164	R	R	17	R	R
MARTIN TECHNICAL INST	12	R	R	R	R	R	R	12	R	R	R	R	R
MEREDITH COL	88	R	R	R	R	R	R	88	R	R	R	R	R
METHODIST COL	87	R	R	R	R	R	R	87	R	R	R	R	R
MITCHELL COL	24	R	R	R	R	R	R	24	R	R	R	R	R
MONTREAT-ANDERSON COL	33	R	R	R	R	R	R	33	R	R	R	R	R
MT OLIVE JR COL	270	R	R	R	R	R	R	270	R	R	R	R	R
N C AGRIC & TECH ST UNIV	2,579	89	R	R	R	R	R	1,923	R	76	91	140	89
N C SCHOOL OF THE ARTS	44	R	R	R	R	R	R	44	R	R	R	R	R
N C STATE UNIV AT RALEIGH	19,179	9,199	511	R	145	220	485	7,463	241	499	2,274	R	867
N C WESLEYAN COL	104	R	R	R	R	R	R	104	R	R	R	R	R
NC CAROLINA CENTRAL UNIV	1,581	R	R	R	R	R	R	1,518	R	R	63	R	R
PEMBROKE STATE UNIVERSITY	259	R	R	R	R	R	R	259	R	R	R	R	R
PFEIFFER COL	23	R	R	R	R	R	R	23	R	R	R	R	R
PITT TECHNICAL INSTITUTE	68	R	R	R	R	R	R	68	R	R	R	R	R
QUEENS COL	87	R	R	R	R	R	R	77	R	R	10	R	R
RANDOLPH TECHNICAL INST	2	R	R	R	R	R	R	2	R	R	R	R	R
RICHMOND TECHNICAL INST	10	R	R	R	R	R	R	10	R	R	R	R	R
ROCKINGHAM COMM COL	69	R	R	R	R	R	R	69	R	R	R	R	R
ROWAN TECHNICAL INSTITUTE	3	R	R	R	R	R	R	3	R	R	R	R	R
SACRED HEART COL	60	R	R	R	R	R	R	60	R	R	R	R	R
SANDHILLS COMM COL	56	R	R	R	R	R	R	56	R	R	R	R	R
SHAW UNIV	522	R	R	R	R	99	14	409	R	R	11	R	R
SOUTHEASTERN COMM COL	169	R	R	R	R	R	R	169	R	R	R	R	R
SOUTHEASTERN TECH INST	37	R	R	R	R	R	R	37	R	R	R	R	R
SOUTHWOOD COL	4	R	R	R	R	R	R	4	R	R	R	R	R
ST ANDREWS PRESBY COL	180	R	R	R	R	R	R	140	R	R	41	R	R
ST AUGUSTINES COL	1,270	R	R	R	R	R	R	1,192	R	R	78	R	R
SURRY COMM COL	37	R	R	R	R	R	R	37	R	R	R	R	R
TECH INST OF ALAMANCE	19	R	R	R	R	R	R	19	R	R	R	R	R
U OF NO CAROLINA AT WILM*	129	R	R	R	R	R	R	129	R	R	R	R	R
UNIV OF N C AT ASHEVILLE*	77	R	R	R	R	R	R	69	R	R	8	R	R
UNIV OF N C AT CHAP HILL	30,321	R	412	129	1,782	78	405	21,747	R	129	3,410	R	3,239
UNIV OF N C AT CHARLOTTE	183	R	R	R	R	R	R	129	R	R	49	R	R
UNIV OF N C AT GREENSBORO	511	R	R	R	R	R	19	323	98	R	170	R	R
UNIV OF N C COM SVS	40	R	40	R	R	R	R	R	R	R	R	R	R
W W MULTING TECH INST	20	R	R	R	R	R	R	20	R	R	R	R	R
WAKE FOREST UNIV	5,100	R	21	R	781	R	27	4,087	R	24	147	R	101
WARREN WILSON COL	112	R	R	R	R	R	R	112	R	R	R	R	R
WAYNE COMMUNITY COLLEGE	99	R	R	R	R	R	R	99	R	R	R	R	R
WESTERN CAROLINA UNIV	467	R	R	R	R	R	R	414	R	R	53	R	R
WESTERN PIEDMONT COMM COL	20	R	R	R	R	R	R	20	R	R	R	R	R
WILKES COMM COL	100	R	R	R	R	R	R	100	R	R	R	R	R
WILSON COUNTY TECH INST	19	R	R	R	R	R	R	19	R	R	R	R	R
WINGATE COL	31	R	R	R	R	R	R	31	R	R	R	R	R
WINSTON-SALEM STATE UNIV	479	R	R	R	R	R	R	477	R	R	2	R	R
NORTH DAKOTA, TOTAL	17,119	7,330	39	39	784	R	R	6,263	283	14	801	R	R
ASSUMPTION COL	2	R	R	R	R	R	R	R	R	R	R	R	R
BISMARCK JR COL	154	R	R	R	R	R	R	154	R	R	R	R	R
DICKINSON STATE COL	131	R	R	R	R	R	R	131	R	R	R	R	R
JAMESTOWN COL	439	R	R	R	R	R	R	439	R	R	R	R	R
LAKE REGION JR COL	47	R	R	R	R	R	R	47	R	R	R	R	R
MARY COL	787	R	R	R	R	R	R	787	R	R	R	R	R
MAYVILLE STATE COL	86	R	R	R	R	R	R	86	R	R	R	R	R
MINOT ST COL	626	R	R	R	R	R	R	311	R	R	313	R	R
NORTH DAKOTA ST SCH SCI	85	R	R	R	R	R	R	85	R	R	R	R	R
NORTH DAKOTA STATE UNIV	6,420	2,395	1	R	144	R	R	1,877	283	14	199	R	R
UNIV OF NORTH DAKOTA	8,681	R	38	39	795	R	R	7,765	R	R	288	R	R
VALLEY CITY STATE COL	117	R	R	R	R	R	R	117	R	R	R	R	R
OHIO, TOTAL	113,417	7,488	2,724	181	8,880	161	711	77,188	919	1,379	9,153	848	822

[illegible] COL	71	0	0	0	0	0	0	71	0	0	0	0	0
PITT TECHNICAL INSTITUTE	65	0	0	0	0	0	0	65	0	0	0	0	0
SALEM COL	45	0	0	0	0	0	0	35	0	0	10	0	0
SANDHILLS TECHNICAL INST	2	0	0	0	0	0	0	2	0	0	0	0	0
RICHMOND TECHNICAL INST	15	0	0	0	0	0	0	15	0	0	0	0	0
RICHMOND COMM COL	85	0	0	0	0	0	0	85	0	0	0	0	0
ROWAN TECHNICAL INSTITUTE	3	0	0	0	0	0	0	3	0	0	0	0	0
RUTHERFORD COL	49	0	0	0	0	0	0	49	0	0	0	0	0
SANDHILLS COMM COL	54	0	0	0	0	0	0	54	0	0	0	0	0
SHAW UNIV	633	0	0	0	0	99	14	520	0	0	11	0	0
SOUTHEASTERN COMM COL	169	0	0	0	0	0	0	169	0	0	0	0	0
SOUTHEASTERN TECH INST	37	0	0	0	0	0	0	37	0	0	0	0	0
SOUTHWOOD COL	6	0	0	0	0	0	0	6	0	0	0	0	0
ST ANDREWS PRESBY COL	189	0	0	0	0	0	0	148	0	0	41	0	0
ST AUGUSTINES COL	1,770	0	0	0	0	0	0	1,752	0	0	18	0	0
SALEM COMM COL	37	0	0	0	0	0	0	37	0	0	0	0	0
TECH INST OF ALAMANCE	19	0	0	0	0	0	0	19	0	0	0	0	0
U OF NO CAROLINA AT WILM	125	0	0	0	0	0	0	125	0	0	0	0	0
UNIV OF N C AT ASHEVILLE	71	0	0	0	0	0	0	67	0	0	0	0	2
UNIV OF N C AT CHAP HILL	30,321	0	412	129	1,782	29	405	21,742	0	175	3,400	0	3,239
UNIV OF N C AT CHARLOTTE	187	0	0	0	0	0	0	125	0	0	62	0	0
UNIV OF N C AT GREENSBORO	917	0	0	0	0	0	19	737	29	0	132	0	0
UNIV OF N C CEN STS	46	0	46	0	0	0	0	0	0	0	0	0	0
W W MILLINS TECH INST	27	0	0	0	0	0	0	27	0	0	0	0	0
WAKE FOREST UNIV	9,189	0	21	0	791	0	22	6,583	0	24	147	0	101
WARREN WILSON COL	312	0	0	0	0	0	0	312	0	0	0	0	0
WAYNE COMMUNITY COLLEGE	99	0	0	0	0	0	0	99	0	0	0	0	0
WESTERN CAROLINA UNIV	487	0	0	0	0	0	0	414	0	0	53	0	0
WESTERN PIEDMONT COMM COL	27	0	0	0	0	0	0	27	0	0	0	0	0
WILKES COMM COL	107	0	0	0	0	0	0	107	0	0	0	0	0
WILSON COUNTY TECH INST	19	0	0	0	0	0	0	19	0	0	0	0	0
WINGATE COL	11	0	0	0	0	0	0	11	0	0	0	0	0
WINSTON-SALEM STATE UNIV	679	0	0	0	0	0	0	677	0	0	2	0	0
NORTH DAKOTA, TOTAL	10,119	2,390	39	35	194	0	0	6,269	203	14	801	0	0
ASSUMPTION COL	2	0	0	0	0	0	0	2	0	0	0	0	0
BISMARCK JR COL	156	0	0	0	0	0	0	156	0	0	0	0	0
DICKINSON STATE COL	137	0	0	0	0	0	0	137	0	0	0	0	0
JAMESTOWN COL	435	0	0	0	0	0	0	435	0	0	0	0	0
LAKE REGION JR COL	67	0	0	0	0	0	0	67	0	0	0	0	0
MARY COL	397	0	0	0	0	0	0	397	0	0	0	0	0
MAYVILLE STATE COL	88	0	0	0	0	0	0	88	0	0	0	0	0
MINOT ST COL	624	0	0	0	0	0	0	311	0	0	313	0	0
NORTH DAKOTA ST SCH SCI	84	0	0	0	0	0	0	84	0	0	0	0	0
NORTH DAKOTA STATE UNIV	6,628	2,390	1	0	144	0	0	1,477	203	14	199	0	0
UNIV OF NORTH DAKOTA	3,881	0	38	35	950	0	0	1,745	0	0	288	0	0
VALLEY CITY STATE COL	117	0	0	0	0	0	0	117	0	0	0	0	0
OHIO, TOTAL	110,717	7,598	2,720	101	9,980	141	731	77,108	959	1,379	9,193	848	822
ANTIOCH COL	1,885	0	0	0	0	0	0	1,586	0	0	111	0	0
ART ACADEMY OF CINCINNATI	3	0	0	0	0	0	0	3	0	0	0	0	0
ASHLAND COL	183	0	0	0	0	0	0	164	0	0	24	0	0
ATHENAEUM OF OHIO	25	0	0	0	0	0	0	25	0	0	0	0	0
BALDWIN-WALLACE COL	492	0	0	0	0	0	0	484	0	0	8	0	0
BLISS COL	17	0	0	0	0	0	0	17	0	0	0	0	0
BLUFFTON COL	291	0	0	0	0	0	0	291	0	0	0	0	0
BONHAM SEMINARY OF OHIO	27	0	0	0	0	0	0	27	0	0	0	0	0
BOWLING GREEN STATE UNIV	1,177	0	0	0	0	0	0	785	0	59	328	1	15
CAPITAL UNIV	354	0	0	0	0	0	0	310	0	0	44	0	0
CASE WESTERN RESERVE UNIV	22,975	0	1,100	0	1,785	1	116	17,731	143	591	2,097	1	30
CEDARVILLE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
CENTRAL STATE UNIV	1,429	0	0	0	0	0	0	1,354	0	0	75	0	0
CLARK CO TECHNICAL INST	27	0	0	0	0	0	0	27	0	0	0	0	0

TABLE B-22
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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	DOC	DOD	HEW	HUD	NSF	OEO	TVA	VA	OTHER
OHIO												
CLEVELAND INST OF MUSIC	27	0	0	0	0	0	0	27	0	0	0	0
CLEVELAND STATE UNIV	897	0	0	0	0	0	0	838	0	0	299	0
COL MT ST JOSEPH-ON-OHIO	102	0	0	0	0	0	0	89	0	0	13	0
COL OF STEUBENVILLE	95	0	0	0	0	0	0	95	0	0	0	0
COL OF WOOSTER	178	0	0	0	0	0	0	145	0	0	93	0
COLUMBUS COL ART & DESIGN	69	0	0	0	0	0	0	69	0	0	0	0
COLUMBUS TECHNICAL INST	36	0	0	0	0	0	0	36	0	0	0	0
CLYMACUS COMM COL	2,489	0	0	0	0	0	0	2,489	0	0	0	0
DEFIANCE COL	791	0	0	0	0	0	0	791	0	0	0	0
DENISON UNIV	91	0	0	0	0	0	0	68	0	0	23	0
DYKE COL	13	0	0	0	0	0	0	13	0	0	0	0
ELDERCLIFF COLLEGE	85	0	0	0	0	0	0	85	0	0	0	0
FINDLAY COL	120	0	0	0	0	0	0	120	0	0	0	0
FRANKLIN UNIV	16	0	0	0	0	0	0	16	0	0	0	0
HEIDELBERG COL	131	0	0	0	0	0	0	103	0	0	28	0
HIRAM COL	249	0	0	0	0	0	0	173	0	0	76	0
JOHN CARROLL UNIV	318	0	0	0	34	0	0	114	0	0	69	0
KENT STATE UNIV	2,017	0	38	0	70	147	0	1,395	0	0	369	769
KENYON COL	71	0	0	0	0	0	0	58	0	0	4	0
KETTERING COLL MED ARTS	22	0	0	0	0	0	0	22	0	0	0	0
LAKE ERIE COL	6	0	0	0	0	0	0	6	0	0	0	0
LAKELAND COMM COL	24	0	0	0	0	0	0	24	0	0	0	0
LORAIN COUNTY COMM COL	105	0	0	0	0	0	0	105	0	0	0	0
MALONE COL	95	0	0	0	0	0	0	95	0	0	0	0
MANSFIELD COL	188	0	0	0	0	0	0	156	0	0	32	0
MARY MANSE COL	33	0	0	0	0	0	0	33	0	0	0	0
MED COL OF OHIO AT TOLEDO	1,434	0	0	0	0	0	0	1,434	0	0	0	0
METHODIST THEOL SCH OHIO	16	0	0	0	0	0	0	16	0	0	0	0
MIAMI UNIV	873	0	0	0	224	0	0	395	0	0	252	0
MIAMI-JACOBS JR COL BUS	33	0	0	0	0	0	0	33	0	0	0	0
MT UNION COL	139	0	0	0	0	0	0	95	0	0	48	0
MT VERNON NAZARENE COL	61	0	0	0	0	0	0	61	0	0	0	0
MUSKINGUM AREA TECH INST	77	0	0	0	0	0	0	77	0	0	0	0
MUSKINGUM COL	91	0	0	0	0	0	0	61	0	0	30	0
NOTRE DAME COL	91	0	0	0	0	0	0	73	0	0	18	0
OBERLIN COL	676	0	0	0	0	0	0	517	0	0	159	0
OHIO COL OF PODIATRIC MED	529	0	0	0	0	0	0	529	0	0	0	0
OHIO DOMINICAN COL	235	0	0	0	0	0	0	235	0	0	0	0
OHIO NORTHERN UNIV	601	0	0	0	0	0	0	589	0	0	12	0
OHIO STATE UNIV	42,180	7,099	919	105	3,105	0	159	24,724	697	521	3,497	79
OHIO TECH INST	12	0	0	0	0	0	0	12	0	0	0	0
OHIO UNIV	2,459	0	188	0	219	0	0	1,607	0	93	431	0
OHIO WESLEYAN UNIV	372	0	0	0	0	0	0	290	0	0	82	0
OTTERBEIN COL	259	0	0	0	0	0	0	259	0	0	0	0
PENTA COUNTY TECH INST	43	0	0	0	0	0	0	43	0	0	0	0
PONTIFICAL COL JOSEPHINUM	43	0	0	0	0	0	0	43	0	0	0	0
RABBINICAL COL OF TELSHE	92	0	0	0	0	0	0	92	0	0	0	0
RIO GRANDE COL	297	0	0	0	0	0	0	297	0	0	0	0
SINCLAIR COL	185	0	0	0	0	0	0	183	0	0	2	0
ST JOHN COL OF CLEVELAND	179	0	0	0	0	0	0	179	0	0	0	0
TIFFIN UNIV	118	0	0	0	0	0	0	118	0	0	0	0
TRI-COUNTY TECH INSTITUTE	91	0	0	0	0	0	0	91	0	0	0	0
UNITED THEOL SEMINARY	58	0	0	0	0	0	0	58	0	0	0	0
UNIV OF AKRON	797	0	0	0	93	0	0	495	99	0	109	0
UNIV OF CINCINNATI	11,375	0	184	0	705	0	189	9,533	0	80	317	0
UNIV OF DAYTON	4,897	0	0	0	3,974	0	0	686	0	49	190	0
UNIV OF TOLEDO	987	0	28	0	0	0	28	761	0	39	139	0
URBANA COL	105	0	0	0	0	0	0	105	0	0	0	0
WASHINGTON COL	38	0	0	0	0	0	0	38	0	0	0	0
WALSH COL	73	0	0	0	0	0	0	73	0	0	0	0
WESTERN COLLEGE	71	0	0	0	0	0	0	71	0	0	0	0
WILBERFORCE UNIV	1,098	0	0	0	0	0	0	1,098	0	0	0	0
WILMINGTON COL	129	0	0	0	0	0	0	129	0	0	0	0
WITTENBERG UNIV	707	0	0	0	15	0	0	701	0	0	0	0
WRIGHT STATE UNIV	819	0	0	0	721	0	0	85	0	0	12	0
XAVIER UNIV	66	0	0	0	0	0	0	57	0	4	0	0
YOUNGSTOWN STATE UNIV	197	0	0	0	0	0	0	186	0	0	11	0
OKLAHOMA, TOTAL	31,935	4,329	97	711	1,791	0	420	19,594	229	1,009	3,747	270

[illegible]													
LAKELAND COMM COL	24	0	0	0	0	0	0	24	0	0	0	0	0
LORAIN COUNTY COMM COL	105	0	0	0	0	0	0	105	0	0	0	0	0
MALONE COL	55	0	0	0	0	0	0	55	0	0	0	0	0
MARIETTA COL	189	0	0	0	0	0	0	154	0	0	32	0	0
MARY MANSE COL	33	0	0	0	0	0	0	33	0	0	0	0	0
MED COL OF OHIO AT TOLEDO	1,534	0	0	0	0	0	0	1,534	0	0	0	0	0
METROPOLITAN BUS COL OHIO	18	0	0	0	0	0	0	18	0	0	0	0	0
MIAMI UNIV	823	0	0	0	228	0	0	395	0	0	252	0	0
MIAMI-JACOBS JR COL BUS	33	0	0	0	0	0	0	33	0	0	0	0	0
MT UNION COL	133	0	0	0	0	0	0	85	0	0	48	0	0
MT VERNON NAZARENE COL	81	0	0	0	0	0	0	81	0	0	0	0	0
MUSKINGUM AREA TECH INST	77	0	0	0	0	0	0	77	0	0	0	0	0
MUSKINGUM COL	91	0	0	0	0	0	0	61	0	0	30	0	0
NOTRE DAME COL	91	0	0	0	0	0	0	73	0	0	18	0	0
OBERLIN COL	476	0	0	0	0	0	0	310	0	0	166	0	0
OHIO COL OF PODIATRIC MED	529	0	0	0	0	0	0	529	0	0	0	0	0
OHIO DOMINICAN COL	235	0	0	0	0	0	0	235	0	0	0	0	0
OHIO NORTHERN UNIV	601	0	0	0	0	0	0	589	0	0	12	0	0
OHIO STATE UNIV	42,100	7,099	818	105	3,195	0	199	24,721	667	571	3,497	79	768
OHIO TECH INST	12	0	0	0	0	0	0	12	0	0	0	0	0
OHIO UNIV	2,469	0	104	0	215	0	0	1,607	0	90	431	0	0
OHIO WESLEYAN UNIV	372	0	0	0	0	0	0	290	0	0	82	0	0
OTTERBEIN COL	259	0	0	0	0	0	0	259	0	0	0	0	0
PENTA COUNTY TECH INST	43	0	0	0	0	0	0	43	0	0	0	0	0
PONTIFICAL COL JOSEPHINUM	43	0	0	0	0	0	0	43	0	0	0	0	0
RABBINICAL COL OF TELSHE	92	0	0	0	0	0	0	92	0	0	0	0	0
RIO GRANDE COL	292	0	0	0	0	0	0	292	0	0	0	0	0
SINCLAIR COL	185	0	0	0	0	0	0	183	0	0	2	0	0
ST JOHN COL OF CLEVELAND	179	0	0	0	0	0	0	179	0	0	0	0	0
TIFFIN UNIV	118	0	0	0	0	0	0	118	0	0	0	0	0
TRI-COUNTY TECH INSTITUTE	51	0	0	0	0	0	0	51	0	0	0	0	0
UNITED THEOL SEMINARY	58	0	0	0	0	0	0	58	0	0	0	0	0
UNIV OF AKRON	757	0	0	0	52	0	0	455	55	0	195	0	0
UNIV OF CINCINNATI	11,375	0	154	0	700	0	389	9,533	0	80	517	0	0
UNIV OF DAYTON	4,897	0	0	0	3,974	0	0	688	0	45	190	0	0
UNIV OF TOLEDO	987	0	20	0	0	0	28	761	0	39	139	0	0
URBANA COL	105	0	0	0	0	0	0	105	0	0	0	0	0
URSULINE COL	38	0	0	0	0	0	0	38	0	0	0	0	0
WALSH COL	73	0	0	0	0	0	0	73	0	0	0	0	0
WESTERN COLLEGE	71	0	0	0	0	0	0	71	0	0	0	0	0
WILBERFORCE UNIV	1,858	0	0	0	0	0	0	1,858	0	0	0	0	0
WILMINGTON COL	129	0	0	0	0	0	0	129	0	0	0	0	0
WITTENBERG UNIV	302	0	0	0	15	0	0	281	0	0	6	0	0
WRIGHT STATE UNIV	818	0	0	0	221	0	0	585	0	0	12	0	0
XAVIER UNIV	64	0	0	0	0	0	0	60	0	4	0	0	0
YOUNGSTOWN STATE UNIV	197	0	0	0	0	0	0	186	0	0	11	0	0
OKLAHOMA, TOTAL	31,938	4,378	97	311	1,790	0	420	19,594	226	1,065	3,747	270	38
ALTUS JR COL	12	0	0	0	0	0	0	12	0	0	0	0	0
BACONE COL	279	0	0	0	0	0	0	279	0	0	0	0	0
BARTLESVILLE WESLEYAN COL	34	0	0	0	0	0	0	34	0	0	0	0	0
BETHANY-NAZARENE COL	113	0	0	0	0	0	0	113	0	0	0	0	0
CAMERON STATE AGR COL	377	0	0	0	0	0	0	377	0	0	0	0	0
CENTRAL STATE COL	774	0	0	0	0	0	0	469	0	0	305	0	0
CLAREMORE JR COLLEGE	154	0	0	0	0	0	0	154	0	0	0	0	0
CONNORS ST COL	105	0	0	0	0	0	0	105	0	0	0	0	0
EAST CENTRAL STATE COL	524	0	0	0	0	0	24	437	0	0	63	0	0
EASTERN OKLA STATE COL	76	0	0	0	0	0	0	76	0	0	0	0	0
EL RENO COL	68	0	0	0	0	0	0	68	0	0	0	0	0
LANGSTON UNIV	648	16	0	0	0	0	0	622	0	0	10	0	0
MURRAY STATE COLLEGE	106	0	0	0	0	0	0	94	0	0	12	0	0
NORTHEASTERN OKLA A&M COL	181	0	0	0	0	0	0	181	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
OKLAHOMA													
NORTHEASTERN STATE COL	747	0	0	0	0	0	0	747	0	0	0	0	0
NORTHERN OKLAHOMA COL	81	0	0	0	0	0	0	81	0	0	0	0	0
NORTHWESTERN STATE COL	77	0	0	0	0	0	0	77	0	0	0	0	0
OKLAHOMA BAPTIST UNIV	275	0	0	0	0	0	0	275	0	0	0	0	0
OKLAHOMA CHRISTIAN COL	279	0	0	0	0	0	0	279	0	0	0	0	0
OKLAHOMA CITY UNIV	152	0	0	0	28	0	0	101	0	0	23	0	0
OKLAHOMA COL LIBERAL ARTS	164	0	0	0	0	0	0	160	0	0	4	0	0
OKLAHOMA STATE UNIV	11,503	4,382	17	0	1,296	0	165	2,861	196	904	1,144	0	38
OKLA NORERTS UNIV	91	0	0	0	0	0	0	91	0	0	0	0	0
OSCAR ROSE JR COLLEGE	710	0	0	0	0	0	0	710	0	0	0	0	0
PANHANDLE STATE COLLEGE	32	0	0	0	0	0	0	30	0	0	2	0	0
PHILLIPS UNIV	558	0	0	0	0	0	0	558	0	0	0	0	0
PETEAU COMM COL	143	0	0	0	0	0	0	143	0	0	0	0	0
SEMINOLE JR COL	101	0	0	0	0	0	0	101	0	0	0	0	0
SOUTHEASTERN STATE COL	532	0	0	0	0	0	0	402	0	53	77	0	0
SOUTHWESTERN COL	77	0	0	0	0	0	0	77	0	0	0	0	0
SOUTHWESTERN STATE COL	723	0	0	0	0	0	0	444	0	0	179	0	0
ST GREGORYS COL	151	0	0	0	0	0	0	149	0	0	2	0	0
TULSA JUNIOR COLLEGE	33	0	0	0	0	0	0	33	0	0	0	0	0
UNIV OF OKLAHOMA	12,134	0	80	311	464	0	214	5,429	0	76	1,888	270	0
UNIV OF TULSA	372	0	0	0	0	0	17	225	30	32	68	0	0
OREGON, TOTAL	42,749	2,754	900	36	1,874	540	808	27,369	291	686	6,823	0	678
BLUE MOUNTAIN COMM COL	42	0	0	0	0	0	0	42	0	0	0	0	0
CENTRAL OREGON COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
CHEMEKETA COMMUNITY COL	94	0	0	0	0	0	0	94	0	0	0	0	0
CLACKAMUS COMMUNITY COL	106	0	0	0	0	0	0	106	0	0	0	0	0
CLATSOP COMM COL	51	0	0	0	0	0	0	51	0	0	0	0	0
COLUMBIA CHRISTIAN COL	20	0	0	0	0	0	0	20	0	0	0	0	0
CONCORDIA COL	9	0	0	0	0	0	0	9	0	0	0	0	0
EASTERN OREGON COL	143	0	0	0	0	0	0	143	0	0	0	0	0
GEORGE FOX COL	145	0	0	0	0	0	0	145	0	0	0	0	0
LANE COMM COL	505	0	0	0	0	0	0	505	0	0	0	0	0
LEWIS AND CLARK COL	143	0	0	0	0	0	0	143	0	0	0	0	0
LINFIELD COL	201	0	0	0	0	0	0	140	0	40	21	0	0
LINN BENTON COMM COL	456	0	0	0	0	0	49	407	0	0	0	0	0
MARYLHURST COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MT ANGEL COL	135	0	0	0	0	0	0	135	0	0	0	0	0
MT ANGEL SEMINARY	4	0	0	0	0	0	0	4	0	0	0	0	0
MT HOOD COMM COL	297	0	0	0	0	0	0	297	0	0	0	0	0
MUSEUM ART SCHOOL	24	0	0	0	0	0	0	24	0	0	0	0	0
OREG ST HIGH ED CEN SYS	29	0	0	0	0	0	0	29	0	0	0	0	0
OREGON COL OF EDUCATION	809	0	0	0	0	0	0	654	0	0	155	0	0
OREGON GRADUATE CENTER	162	0	0	0	125	0	0	37	0	0	0	0	0
OREGON STATE UNIV	14,465	2,754	444	36	1,225	0	685	4,284	291	201	3,965	0	593
OREGON TECH INST	185	0	0	0	0	0	26	159	0	0	0	0	0
PACIFIC UNIV	864	0	0	0	0	0	0	864	0	0	0	0	0
PORTLAND COMM COL	249	0	0	0	0	0	0	249	0	0	0	0	0
PORTLAND STATE UNIVERSITY	2,068	0	0	0	0	0	48	1,867	0	0	153	0	0
REED COL	380	0	0	0	97	0	0	204	0	0	79	0	0
SOUTHERN OREGON COL	502	0	0	0	0	0	0	361	0	0	141	0	0
SOUTHWESTN OREG COMM COL	34	0	0	0	0	0	0	34	0	0	0	0	0
TREASURE VALLEY COMM COL	71	0	0	0	0	0	0	71	0	0	0	0	0
U OREGON DENTAL SCHOOL	881	0	0	0	163	0	0	718	0	0	0	0	0
U OREGON MEDICAL SCHOOL	8,141	0	109	0	28	0	0	8,012	0	0	0	0	0
UMPQUA COMM COL	28	0	0	0	0	0	0	28	0	0	0	0	0
UNIV OF OREGON - EUGENE	10,844	0	347	0	249	540	0	7,000	0	445	2,180	0	83
UNIV OF PORTLAND	275	0	0	0	0	0	0	150	0	0	125	0	0
WARNER PACIFIC COL	34	0	0	0	0	0	0	34	0	0	0	0	0
WESTERN CONS BAPTIST SEM	1	0	0	0	0	0	0	1	0	0	0	0	0
WILLAMETTE UNIV	76	0	0	0	0	0	0	72	0	0	4	0	0
PENNSYLVANIA, TOTAL	173,948	8,269	4,325	244	10,404	247	1,653	123,978	1,954	2,473	19,678	743	280
ALBRIGHT COL	279	0	0	0	0	0	0	277	0	0	2	0	0
ALLEGHENY COL	101	0	0	0	0	0	0	91	0	0	10	0	0
ALLEGHENY COUNTY COMM COL	70A	0	0	0	0	0	0	70A	0	0	0	0	0
ALLIANCE COL	158	0	0	0	0	0	0	158	0	0	0	0	0
ALLATAN COL ST FR DESALES	71	0	0	0	0	0	0	71	0	0	0	0	0
[illegible]	24	0	0	0	0	0	0	24	0	0	0	0	0

OREGON, TOTAL	42,745	2,754	900	36	1,574	547	908	27,169	271	696	5,873	1	619
BLUE MOUNTAIN COMM COL	42	0	0	0	0	0	0	42	0	0	0	0	0
CENTRAL OREGON COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
CHEMEKETA COMMUNITY COL	94	0	0	0	0	0	0	94	0	0	0	0	0
CLACKAMAS COMMUNITY COL	108	0	0	0	0	0	0	108	0	0	0	0	0
CLATSOP COMM COL	51	0	0	0	0	0	0	51	0	0	0	0	0
COLUMBIA CHRISTIAN COL	20	0	0	0	0	0	0	20	0	0	0	0	0
CONCORDIA COL	9	0	0	0	0	0	0	9	0	0	0	0	0
EASTERN OREGON COL	143	0	0	0	0	0	0	143	0	0	0	0	0
GEORGE FOX COL	145	0	0	0	0	0	0	145	0	0	0	0	0
LANE COMM COL	505	0	0	0	0	0	0	505	0	0	0	0	0
LEWIS AND CLARK COL	143	0	0	0	0	0	0	143	0	0	0	0	0
LINFIELD COL	701	0	0	0	0	0	0	141	0	40	71	0	0
LINN BENTON COMM COL	456	0	0	0	0	0	49	407	0	0	0	0	0
MARYLHURST COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MT ANGEL COL	135	0	0	0	0	0	0	135	0	0	0	0	0
MT ANGEL SEMINARY	4	0	0	0	0	0	0	4	0	0	0	0	0
MT HOOD COMM COL	297	0	0	0	0	0	0	297	0	0	0	0	0
MUSEUM ART SCHOOL	24	0	0	0	0	0	0	24	0	0	0	0	0
OREG ST HIGH ED CEN SYS	29	0	0	0	0	0	0	29	0	0	0	0	0
OREGON COL OF EDUCATION	909	0	0	0	0	0	0	454	0	0	155	0	0
OREGON GRADUATE CENTER	162	0	0	0	125	0	0	37	0	0	0	0	0
OREGON STATE UNIV	14,465	2,754	444	36	1,220	0	685	4,286	231	201	3,969	0	593
OREGON TECH INST	185	0	0	0	0	0	26	159	0	0	0	0	0
PACIFIC UNIV	864	0	0	0	0	0	0	864	0	0	0	0	0
PORTLAND COMM COL	249	0	0	0	0	0	0	249	0	0	0	0	0
PORTLAND STATE UNIVERSITY	2,068	0	0	0	0	0	49	1,867	0	0	153	0	0
REED COL	380	0	0	0	97	0	0	204	0	0	79	0	0
SOUTHERN OREGON COL	502	0	0	0	0	0	0	361	0	0	141	0	0
SOUTHWESTN OREG COMM COL	38	0	0	0	0	0	0	38	0	0	0	0	0
TREASURE VALLEY COMM COL	71	0	0	0	0	0	0	71	0	0	0	0	0
U OREGON DENTAL SCHOOL	881	0	0	0	163	0	0	718	0	0	0	0	0
U OREGON MEDICAL SCHOOL	8,141	0	109	0	20	0	0	8,012	0	0	0	0	0
UMPQUA COMM COL	28	0	0	0	0	0	0	28	0	0	0	0	0
UNIV OF OREGON - EUGENE	10,844	0	347	0	249	540	0	7,000	0	445	2,180	0	83
UNIV OF PORTLAND	275	0	0	0	0	0	0	100	0	0	175	0	0
WARNER PACIFIC COL	38	0	0	0	0	0	0	38	0	0	0	0	0
WESTERN CONS BAPTIST SEM	1	0	0	0	0	0	0	1	0	0	0	0	0
WILLAMETTE UNIV	78	0	0	0	0	0	0	77	0	0	4	0	0
PENNSYLVANIA, TOTAL	173,948	9,269	4,325	244	10,404	747	1,053	123,975	1,554	2,473	19,878	743	280
ALBRIGHT COL	279	0	0	0	0	0	0	277	0	0	2	0	0
ALLEGHENY COL	101	0	0	0	0	0	0	91	0	0	10	0	0
ALLEGHENY COUNTY COMM COL	706	0	0	0	0	0	0	706	0	0	0	0	0
ALLIANCE COL	158	0	0	0	0	0	0	158	0	0	0	0	0
ALLNTWN COL ST FR DESALES	71	0	0	0	0	0	0	71	0	0	0	0	0
ALVERNIA COL	28	0	0	0	0	0	0	28	0	0	0	0	0
BEAVER COL	165	0	0	0	0	0	0	78	0	0	87	0	0
BLOOMSBURG STATE COL	217	0	0	0	0	0	0	213	0	0	4	0	0
BRYN MAWR COL	872	0	0	0	0	0	0	774	0	22	76	0	0
BUCKNELL UNIV	438	0	0	0	0	0	0	300	0	0	138	0	0
BUCKS COUNTY COMM COL	137	0	0	0	0	0	0	137	0	0	0	0	0
BUTLER COUNTY COMM COL	33	0	0	0	0	0	0	33	0	0	0	0	0
CABRINI COL	32	0	0	0	0	0	0	32	0	0	0	0	0
CALIFORNIA STATE COL	588	0	0	0	0	0	0	577	0	0	11	0	0
CARLOW COLLEGE	306	0	0	0	0	0	0	306	0	0	0	0	0
CARNEGIE MELLON UNIV	10,436	0	1,631	31	2,402	0	33	1,822	221	186	3,949	168	18
CEDAR CREST COL	48	0	0	0	0	0	0	48	0	0	0	0	0
CHATHAM COL	136	0	0	0	0	0	0	134	0	0	0	0	0
CHESTNUT HILL COL	23	0	0	0	0	0	0	23	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEN	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
PENNSYLVANIA													
CHEYNEY STATE COL	496	0	0	0	0	0	0	494	0	0	2	0	0
CLARION STATE COL	463	0	0	0	0	0	0	450	0	0	13	0	0
CLL MISERICORDIA	145	0	0	0	0	0	0	143	0	0	2	0	0
COMM COL OF BEAVER COUNTY	82	0	0	0	0	0	0	82	0	0	0	0	0
COMM COL OF DELAWARE CNTY	662	0	0	0	0	0	0	662	0	0	0	0	0
COMM COL OF PHILADELPHIA	702	0	0	0	0	0	0	702	0	0	0	0	0
DEL VALLEY COL SCI & AGR	147	0	0	0	0	0	0	147	0	0	0	0	0
DICKINSON COL	189	0	0	0	0	0	0	157	0	0	32	0	0
DICKINSON SCHOOL OF LAW	8	0	0	0	0	0	0	8	0	0	0	0	0
DREXEL UNIVERSITY	2,597	0	44	0	546	0	564	1,154	0	110	326	0	0
DUQUESNE UNIV	17	0	0	0	6	0	0	6	0	0	11	0	0
DUQUESNE UNIV	1,189	0	0	0	0	0	0	1,141	0	0	48	0	0
EAST STROUDSBRG STATE COL	299	0	0	0	0	0	0	299	0	0	0	0	0
EASTERN BAPTIST COL	99	0	0	0	0	0	0	99	0	0	0	0	0
EDINBORO STATE COL	284	0	0	0	0	0	0	195	0	0	89	0	0
ELIZABETHTOWN COL	97	0	0	0	0	0	0	69	0	0	27	0	0
ELLEN CUSHING JR COL	55	0	0	0	0	0	0	55	0	0	0	0	0
FRANKLIN AND MARSHALL COL	842	0	0	0	0	0	0	351	0	0	491	0	0
GANNON COL	491	0	0	0	0	0	0	491	0	0	0	0	0
GENEVA COL	72	0	0	0	0	0	0	65	0	0	7	0	0
GETTYSBURG COL	163	0	0	0	0	0	0	47	0	0	116	0	0
GWYNEDD-MERCY COL	82	0	0	0	0	0	0	82	0	0	0	0	0
HAHNEMANN MED COL & HOSP	5,470	0	0	0	947	0	0	5,372	0	0	151	0	0
HARCUM JR COL	8	0	0	0	0	0	0	8	0	0	0	0	0
HARRISBURG AREA COMM COL	85	0	0	0	0	0	0	85	0	0	0	0	0
HAVERFORD COL	520	0	0	0	0	0	0	355	0	0	165	0	0
HOLY FAMILY COL	29	0	0	0	0	0	0	29	0	0	0	0	0
IMMACULATA COL	125	0	0	0	0	0	0	125	0	0	0	0	0
INDIANA UNIV OF PA	808	0	0	0	0	0	0	808	0	0	0	0	0
JUNIATA COL	95	0	0	0	0	0	0	77	0	0	18	0	0
KEYSTONE JR COL	89	0	0	0	0	0	0	89	0	0	0	0	0
KINGS COL	283	0	0	0	0	0	0	281	0	0	2	0	0
KUTZTOWN STATE COL	165	0	0	0	0	0	0	165	0	0	0	0	0
LA ROCHE COL	96	0	0	0	0	0	0	96	0	0	0	0	0
LACKAWANNA JR COL	23	0	0	0	0	0	0	23	0	0	0	0	0
LAFAYETTE COL	93	0	0	0	0	0	0	20	0	0	73	0	0
LASALLE COL	781	0	0	0	0	0	0	781	0	0	0	0	0
LEBANON VALLEY COL	57	0	0	0	0	0	0	57	0	0	0	0	0
LEHIGH CO COMMUNITY COL	420	0	0	0	0	0	0	420	0	0	0	0	0
LEHIGH UNIV	3,781	0	99	181	517	0	104	369	72	313	1,471	115	0
LINCOLN UNIV	1,761	0	21	0	0	0	0	1,195	0	0	45	0	0
LOCK HAVEN STATE COL	393	0	0	0	0	0	0	323	0	0	70	0	0
LUTHERAN THEOL SEMINARY	19	0	0	0	0	0	0	19	0	0	0	0	0
LYCOMING COUNTY COMM COL	38	0	0	0	0	0	0	38	0	0	0	0	0
LYCOMING COL	108	0	0	0	0	0	0	104	0	0	4	0	0
MANOR JR COL	8	0	0	0	0	0	0	8	0	0	0	0	0
MANSFIELD STATE COL	190	0	0	0	0	0	0	188	0	0	2	0	0
MARY IMMACULATE SEM & COL	268	0	0	0	0	0	0	268	0	0	0	0	0
MARYWOOD COL	402	0	0	0	0	0	0	398	0	0	2	0	0
MEDICAL COLLEGE OF PA	2,995	0	0	0	0	0	0	2,902	0	0	93	0	0
MERCYHURST COL	51	0	0	0	0	0	0	50	0	0	1	0	0
MESSIAH COL	585	0	0	0	0	0	0	585	0	0	0	0	0
MILLERSVILLE STATE COL	324	0	0	0	0	0	0	278	0	0	46	0	0
MONTGOMERY CNTY COMM COL	133	0	0	0	0	0	0	133	0	0	0	0	0
MORAVIAN COL	55	0	0	0	0	0	0	55	0	0	0	0	0
MT ALOYSIUS JR COL	44	0	0	0	0	0	0	44	0	0	0	0	0
MUHLENBERG COL	53	0	0	0	0	0	0	40	0	0	13	0	0
NEW CASTLE BUSINESS COL	24	0	0	0	0	0	0	24	0	0	0	0	0
NORTHAMPTON CNTY COMM COL	459	0	0	0	0	0	0	459	0	0	0	0	0
NORTHEASTN CHRISTN JR COL	47	0	0	0	0	0	0	47	0	0	0	0	0
OUR LADY OF ANGELS COL	17	0	0	0	0	0	0	17	0	0	0	0	0
PA COL OF PODIATRIC MED	4,849	0	0	0	0	0	0	4,849	0	0	0	0	0
PEIRCE JR COL	24	0	0	0	0	0	0	24	0	0	0	0	0
PENN NEHLEVAN COLLEGE	27	0	0	0	0	0	0	27	0	0	0	0	0
PENNSYLVANIA COL OPTOMET	479	0	0	0	0	0	0	479	0	0	0	0	0
PENNSYLVANIA STATE UNIV	24,629	5,737	439	29	1,434	0	568	8,961	1,083	643	3,132	82	0
PHILA COL OF PHARM & SCI	432	0	0	0	0	0	0	410	0	0	22	0	0
PHILA COL OF TEXT & SCI	56	0	0	0	0	0	0	54	0	0	0	2	0
PHILA COL OSTEOPATHIC MED	923	0	0	0	0	0	0	923	0	0	0	0	0

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[illegible]	72							65			7				
[illegible]	103							47			56				
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TABLE B-22

CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	HEW	CDM	DOT	DOD	EPA	NSF	NASA	AEC	DOI	ITHERS
PENNSYLVANIA												
ST UNIVERSITY COL	384	0	0	0	0	0	0	284	0	0	100	0
ST UNIVERSITY COL	105	0	0	0	0	0	0	105	0	0	0	0
SUSQUEHANNA UNIV	87	0	0	0	0	0	0	77	0	0	10	0
TEMPLE UNIV	984	0	0	0	0	0	0	784	0	20	80	0
TEMPLE UNIV	17,447	0	98	0	86	0	21	14,910	0	27	845	40
THIEL COL	101	0	0	0	0	0	0	100	0	0	29	0
THOS JEFFERSON UNIV HOSP	9,293	0	99	0	794	0	0	7,399	0	0	81	0
UNIV OF PENNSYLVANIA	61,705	34	1,931	0	3,449	747	89	23,733	149	429	5,355	185
UNIV OF PITTSBURGH	25,931	3	665	0	1,169	0	271	21,430	179	721	2,159	140
UNIV OF SCRANTON	792	0	0	0	0	0	0	792	0	0	0	0
VASSAR COL	84	0	0	0	0	0	0	84	0	0	0	0
VILLA MARIA COL	104	0	0	0	0	0	0	104	0	0	0	0
VILLANOVA UNIV	837	0	0	0	0	0	0	781	0	0	56	0
WASHINGTON & JEFFERSON COL	19	0	0	0	0	0	0	19	0	0	0	0
WAYNESBURG COL	87	0	0	0	0	0	0	87	0	0	0	0
WEST CHESTER STATE COL	322	0	0	0	0	0	0	322	0	0	90	0
WESTMINSTER COL	108	0	0	0	0	0	0	99	0	0	9	0
WILKES COL	489	0	0	0	0	0	0	441	0	0	48	0
WILLIAMSPORT AREA COM COL	107	0	0	0	0	0	0	107	0	0	0	0
WILSON COL	69	0	0	0	0	0	0	34	0	0	32	0
YORK COL OF PENNSYLVANIA	71	0	0	0	0	0	0	71	0	0	0	0
PUERTO RICO, TOTAL	10,189	1,013	924	27	2,903	0	42	8,784	343	249	3,201	0
BARINGTON COL	89	0	0	0	0	0	0	89	0	0	0	0
BROWN UNIV	9,471	0	919	0	1,877	0	0	4,039	192	181	2,319	0
BRYANT COL	209	0	0	0	0	0	0	209	0	0	0	0
JOHNSON & WALES COLLEGE	129	0	0	0	0	0	0	129	0	0	0	0
ST JOSEPH COL	9	0	0	0	0	0	0	9	0	0	0	0
PROVIDENCE COL	317	0	0	0	0	0	0	297	0	0	20	0
BRUCE INLAND COL	485	0	0	0	0	0	0	439	0	0	46	0
BRUCE INLAND JR COL	201	0	0	0	0	0	0	201	0	0	0	0
BRUCE INLAND SCH DESIGN	49	0	0	0	0	0	0	49	0	0	0	0
SCHOOL WILLIAMS COLLEGE	319	0	0	0	0	0	0	319	0	0	0	0
SALVE REGINA COL	149	0	0	0	0	0	0	149	0	0	0	0
SMITHSONY TWN LABY OF PHOTO	14	0	0	0	0	0	0	14	0	0	0	0
UNIV OF RHODE ISLAND	4,929	1,013	5	27	1,029	0	42	1,913	151	68	869	0
SOUTH CAROLINA, TOTAL	24,987	9,182	129	0	637	154	881	12,913	103	199	1,201	179
ALLEN UNIV	123	0	0	0	0	0	0	123	0	0	0	0
ANDERSON COL	9	0	0	0	0	0	0	9	0	0	0	0
BAPTIST COL AT CHARLESTON	27	0	0	0	0	0	0	27	0	0	0	0
BENEDICT COL	919	0	0	0	0	0	0	879	0	0	40	0
BENEDICT-ALLEN COLS TG ST CO	929	0	0	0	0	0	0	929	0	0	0	0
CENTRAL WESLEYAN COL	33	0	0	0	0	0	0	33	0	0	0	0
CHRISTOPHER-NEWMAN TECH CTR	11	0	0	0	0	0	0	11	0	0	0	0
CITADEL THE MILIT COL S C	43	0	0	0	0	0	0	29	0	0	72	0
CLAFLIN COL	746	0	0	0	0	0	0	705	0	0	41	0
CLEMSON UNIV	8,873	8,169	67	0	171	0	283	332	103	99	650	0
COKER COL	39	0	0	0	0	0	0	39	0	0	0	0
COL OF CHARLESTON	80	0	0	0	0	0	0	80	0	0	0	0
COLUMBIA COL	89	0	0	0	0	0	0	89	0	0	0	0
CONVERSE COL	4	0	0	0	0	0	0	4	0	0	0	0
ERSKINE COL	79	0	0	0	0	0	0	35	0	0	41	0
FRANCIS MARION COLLEGE	80	0	0	0	0	0	0	80	0	0	0	0
FURMAN UNIV	124	0	0	0	0	0	0	124	0	0	0	0
FLORIDA UNIV	149	0	0	0	0	0	0	132	0	0	17	0
GREENVILLE TECH ED CTR	197	0	0	0	0	0	33	130	0	0	0	0
HIGHTOWER-GREGORY TECH ED	27	0	0	0	0	0	0	27	0	0	0	0
LANDER COL	159	0	0	0	0	0	0	159	0	0	0	0
LIMESTONE COL	28	0	0	0	0	0	0	28	0	0	0	0
MED UNIV OF S CAROLINA	5,869	0	0	0	179	0	230	5,413	0	0	27	0
MIDLANDS TECH ED CENTER	30	0	0	0	0	0	0	30	0	0	0	0
MORRIS COL	993	0	0	0	0	0	0	993	0	0	0	0
NEWBERRY COL	22	0	0	0	0	0	0	21	0	0	0	0
NORTH GREENVILLE JR COL	15	0	0	0	0	0	0	15	0	0	0	0
ORANGEBURG-CALHOUN TECH ED CTR	93	0	0	0	0	0	0	93	0	0	0	0
PALMER COLLEGE	410	0	0	0	0	0	0	410	0	0	0	0

WILKES COL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WILLIAMSPORT AREA COM COL	105	0	0	0	0	0	0	105	0	0	0	0	0
WILSON COL	66	0	0	0	0	0	0	34	0	0	32	0	0
YORK COL OF PENNSYLVANIA	71	0	0	0	0	0	0	71	0	0	0	0	0
RHODE ISLAND, TOTAL	10,188	1,013	524	20	2,053	0	42	8,784	303	249	1,261	0	11
BARRINGTON COL	65	0	0	0	0	0	0	65	0	0	0	0	0
BROWN UNIV	4,471	0	519	0	1,379	0	0	4,633	192	151	2,314	0	11
BRYANT COL	264	0	0	0	0	0	0	264	0	0	0	0	0
JOHNSON & WALES COLLEGE	129	0	0	0	0	0	0	129	0	0	0	0	0
MT ST JOSEPH COL	7	0	0	0	0	0	0	7	0	0	0	0	0
PROVIDENCE COL	317	0	0	0	0	0	0	282	0	0	78	0	0
RHODE ISLAND COL	485	0	0	0	0	0	0	438	0	0	49	0	0
RHODE ISLAND JR COL	701	0	0	0	0	0	0	701	0	0	0	0	0
RHODE ISLAND SCH DESIGN	49	0	0	0	0	0	0	49	0	0	0	0	0
ROGER WILLIAMS COLLEGE	315	0	0	0	0	0	0	315	0	0	0	0	0
SALVE REGINA COL	140	0	0	0	0	0	0	104	0	0	2	0	0
SEMINARY CNR LADY OF PROV	10	0	0	0	0	0	0	10	0	0	0	0	0
UNIV OF RHODE ISLAND	4,929	1,013	5	20	1,729	0	42	1,910	171	64	818	0	0
SOUTH CAROLINA, TOTAL	24,787	5,182	128	6	637	154	481	17,815	163	155	1,241	170	0
ALLEN UNIV	825	0	0	0	0	0	0	825	0	0	0	0	0
ANDERSON COL	8	0	0	0	0	0	0	8	0	0	0	0	0
BAPTIST COL AT CHARLESTON	22	0	0	0	0	0	0	22	0	0	0	0	0
BENEDICT COL	918	0	0	0	0	0	0	828	0	0	48	0	0
BOB JONES UNIV	929	0	0	0	0	0	0	929	0	0	0	0	0
CENTRAL WESLEYAN COL	33	0	0	0	0	0	0	33	0	0	0	0	0
CHESTERFIELD-MAR TECH CTR	11	0	0	0	0	0	0	11	0	0	0	0	0
CITADEL THE MILIT COL S C	43	0	0	0	0	0	0	29	0	0	20	0	0	0
CLAFLIN COL	748	0	0	0	0	0	0	705	0	0	41	0	0
CLEMSON UNIV	6,873	5,149	61	0	171	0	283	339	143	99	438	0	0
COKER COL	58	0	0	0	0	0	0	58	0	0	0	0	0
COL OF CHARLESTON	80	0	0	0	0	0	0	80	0	0	0	0	0
COLUMBIA COL	89	0	0	0	0	0	0	89	0	0	0	0	0
CONVERSE COL	4	0	0	0	0	0	0	0	0	0	4	0	0
ERSKINE COL	78	0	0	0	0	0	0	35	0	0	43	0	0
FRANCIS MARION COLLEGE	98	0	0	0	0	0	0	98	0	0	0	0	0
FRIENDSHIP JR COL	124	0	0	0	0	0	0	124	0	0	0	0	0
FURMAN UNIV	149	0	0	0	0	0	0	132	0	0	17	0	0
GREENVILLE TECH ED CTR	192	0	0	0	0	0	93	139	0	0	0	0	0
HORRY-GEORGETOWN TECH ED	27	0	0	0	0	0	0	27	0	0	0	0	0
LANDER COL	158	0	0	0	0	0	0	158	0	0	0	0	0
LIMESTONE COL	28	0	0	0	0	0	0	28	0	0	0	0	0
MED UNIV OF S CAROLINA	5,869	0	0	0	174	0	238	5,457	0	0	27	0	0
MIDLANDS TECH EDU CENTER	38	0	0	0	0	0	0	38	0	0	0	0	0
MORRIS COL	953	0	0	0	0	0	0	953	0	0	0	0	0
NEWBERRY COL	22	0	0	0	0	0	0	22	0	0	0	0	0
NORTH GREENVILLE JR COL	15	0	0	0	0	0	0	15	0	0	0	0	0
ORANGEBURG-CALHN TECH ED CTR	93	0	0	0	0	0	0	93	0	0	0	0	0
PALMER COLLEGE	410	0	0	0	0	0	0	410	0	0	0	0	0
PIEDMONT TECH ED CTR	171	0	0	0	0	0	0	171	0	0	0	0	0
PRESBYTERIAN COL	138	0	0	0	0	0	0	138	0	0	0	0	0
SPENCE-PARKLINGTON TECH SCH	87	0	0	0	0	0	0	87	0	0	0	0	0
SOUTH CAROLINA STATE COL	634	17	0	0	0	0	0	506	0	0	111	0	0
SPARTANBURG JR COL	20	0	0	0	0	0	0	20	0	0	0	0	0
SPARTANBURG CNTY TECH ED CTR	39	0	0	0	0	0	0	39	0	0	0	0	0
SUMTER AREA TECH ED CTR	10	0	0	0	0	0	0	10	0	0	0	0	0
TRI-COUNTY TECH ED CTR	22	0	0	0	0	0	0	22	0	0	0	0	0
UNIV OF SOUTH CAROLINA	3,947	0	80	0	87	150	87	2,905	0	70	498	170	0
VOORHEES COL	783	0	0	0	0	0	0	783	0	0	0	0	0
WINTHROP COL	197	0	0	0	0	0	0	147	0	0	10	0	0
WOFFORD COL	788	0	0	0	0	0	0	788	0	0	2	0	0
YORK COUNTY TECH ED CTR	13	0	0	0	0	0	0	13	0	0	0	0	0

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CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
SOUTH DAKOTA, TOTAL	11,277	2,279	20	0	46	137	77	5,941	921	476	1,394	0	0
AUGUSTANA COL	662	0	0	0	0	0	0	376	0	0	286	0	0
BLACK HILLS STATE COL	778	0	0	0	0	0	0	741	0	0	39	0	0
DAKOTA STATE COLLEGE	456	0	0	0	0	0	0	446	0	0	10	0	0
DAKOTA WESLEYAN UNIV	69	0	0	0	0	0	0	69	0	0	0	0	0
FREEMAN JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
HURON COL	527	0	0	0	0	0	0	527	0	0	0	0	0
MT MARTY COL	159	0	0	0	0	0	0	145	0	0	14	0	0
NAT COLLEGE OF BUSINESS	14	0	0	0	0	0	0	14	0	0	0	0	0
NORTHERN STATE COL	144	0	0	0	0	0	0	142	0	0	2	0	0
PRESENTATION COL	53	0	0	0	0	0	0	53	0	0	0	0	0
SIOUX FALLS COL	85	0	0	0	0	0	0	72	0	0	13	0	0
SOUTH DAK SCH MINES TECH	1,183	0	0	0	0	0	14	91	603	26	359	0	0
SOUTH DAKOTA STATE UNIV	3,895	2,279	8	0	46	0	52	719	229	450	117	0	0
SOUTHERN STATE COL	60	0	0	0	0	0	0	60	0	0	0	0	0
UNIV OF SOUTH DAKOTA	3,103	0	12	0	0	137	11	2,435	0	0	508	0	0
YANKTON COL	85	0	0	0	0	0	0	85	0	0	0	0	0
TENNESSEE, TOTAL	75,463	6,609	1,804	74	1,910	0	534	60,238	179	381	3,643	0	99
AQUINAS JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0
ALSTIN PEAY STATE UNIV	616	0	0	0	0	0	0	172	0	0	444	0	0
BELMONT COL	70	0	0	0	0	0	0	70	0	0	0	0	0
BETHEL COL	30	0	0	0	0	0	0	30	0	0	0	0	0
BRYAN COLLEGE	67	0	0	0	0	0	0	67	0	0	0	0	0
CARSON-NEWMAN COL	254	0	0	0	0	0	0	234	0	0	20	0	0
CHATTANOOGA ST TECH INST	90	0	0	0	0	0	47	43	0	0	0	0	0
CHRISTIAN BROTHERS COL	124	0	0	0	0	0	0	58	0	0	66	0	0
CLEVELAND STATE COMM COL	183	0	0	0	0	0	0	183	0	0	0	0	0
COLUMBIA STATE COMM COL	111	0	0	0	0	0	0	111	0	0	0	0	0
CUMBERLAND COL OF TENN	32	0	0	0	0	0	0	32	0	0	0	0	0
DAVID LIPSCOMB COL	84	0	0	0	0	0	0	84	0	0	0	0	0
DYERSBURG STATE COMM COL	55	0	0	0	0	0	0	55	0	0	0	0	0
EAST TENNESSEE STATE UNIV	898	0	0	0	0	0	0	823	0	0	73	0	0
FISK UNIV	1,816	0	0	8	0	0	0	1,505	0	0	108	0	0
FREED-HARDEMAN COL	129	0	0	0	0	0	0	123	0	0	6	0	0
GEORGE PEABODY COL TCHRS	2,475	0	0	0	0	0	0	2,304	0	0	171	0	0
HIWASSEE COL	86	0	0	0	0	0	0	86	0	0	0	0	0
JACKSON STATE COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
JOHN A GUPTON COLLEGE	8	0	0	0	0	0	0	8	0	0	0	0	0
KING COL	59	0	0	0	0	0	0	49	0	0	10	0	0
KNOXVILLE COL	986	0	0	0	0	0	0	979	0	0	7	0	0
LAMBUTH COL	105	0	0	0	0	0	0	105	0	0	0	0	0
LANE COL	1,127	0	0	0	0	0	0	1,078	0	0	49	0	0
LE MOYNE-OWEN COL	853	0	0	0	0	0	0	850	0	0	3	0	0
LEE COL	208	0	0	0	0	0	0	208	0	0	0	0	0
LINCOLN MEMORIAL UNIV	90	0	0	0	0	0	0	90	0	0	0	0	0
MARTIN COL	34	0	0	0	0	0	0	34	0	0	0	0	0
MARYVILLE COL	349	0	0	0	0	0	0	203	0	0	146	0	0
MCKENZIE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
MEMPHIS ACADEMY OF ARTS	6	0	0	0	0	0	0	6	0	0	0	0	0
MEMPHIS STATE UNIV	1,605	0	0	73	144	0	47	1,169	0	0	87	0	85
MIDDLE TENN STATE UNIV	540	0	0	0	0	0	0	430	0	0	110	0	0
MILLIGAN COL	55	0	0	0	0	0	0	55	0	0	0	0	0
MORRISTOWN COL	265	0	0	0	0	0	0	265	0	0	0	0	0
MOTLOW STATE COMM COL	44	0	0	0	0	0	0	44	0	0	0	0	0
NASHVILLE STATE TECH INST	34	0	0	0	0	0	0	34	0	0	0	0	0
SCARRITT COL CHRISTN WKRS	2	0	0	0	0	0	0	2	0	0	0	0	0
SIENA COL	8	0	0	0	0	0	0	8	0	0	0	0	0
SOUTHERN COL OF OPTOMETRY	904	0	0	0	0	0	0	904	0	0	0	0	0
SOUTHERN MISSIONARY COL	293	0	0	0	0	0	0	293	0	0	0	0	0
SOUTHWESTERN AT MEMPHIS	238	0	0	0	0	0	0	126	0	0	112	0	0
STATE TECH INST MEMPHIS	34	0	0	0	0	0	0	34	0	0	0	0	0
TENNESSEE STATE UNIV	1,177	19	30	0	0	0	0	1,072	0	0	56	0	0
TENNESSEE TECHNOLOGL UNIV	465	0	0	0	0	0	32	347	0	60	26	0	0
TENNESSEE TEMPLE COL	23	0	0	0	0	0	0	23	0	0	0	0	0
TENNESSEE WESLEYAN COL	43	0	0	0	0	0	0	43	0	0	0	0	0
THEVECCA NAZARENE COL	203	0	0	0	0	0	0	203	0	0	0	0	0
TUSCULUM COL	128	0	0	0	0	0	0	128	0	0	0	0	0
U OF TENN MED UNITS MEMPH	10,181	0	94	0	288	0	0	9,755	0	0	44	0	0
UNION UNIV	96	0	0	0	0	0	0	96	0	0	0	0	0
UNIV OF TENN AT CHATTNGA	757	0	0	0	0	0	0	739	0	0	18	0	0
UNIV OF TENN AT KNOXVILLE	14,024	6,590	1,550	0	410	0	18	4,705	179	251	819	0	10
UNIV OF TENN AT MARTIN	229	0	0	0	0	0	0	225	0	0	4	0	0
UNIV OF TENN CEN SYS	59	0	0	0	44	0	0	0	0	0	15	0	0
UNIV OF THE SOUTH	150	0	0	0	0	0	0	54	0	0	96	0	0

ALSTIN PEAY STATE UNIV	710	0	0	0	0	0	0	710	0	0	444	0	0
BELMONT COL	70	0	0	0	0	0	0	70	0	0	0	0	0
BETHEL COL	30	0	0	0	0	0	0	30	0	0	0	0	0
BRYAN COLLEGE	62	0	0	0	0	0	0	62	0	0	0	0	0
CARSON-NEWMAN COL	254	0	0	0	0	0	0	234	0	0	20	0	0
CHATTANOOGA ST TECH INST	90	0	0	0	0	0	43	43	0	0	0	0	0
CHRISTIAN BROTHERS COL	124	0	0	0	0	0	0	58	0	0	66	0	0
CLEVELAND STATE COMM COL	183	0	0	0	0	0	0	183	0	0	0	0	0
COLUMBIA STATE COMM COL	111	0	0	0	0	0	0	111	0	0	0	0	0
CUMBERLAND COL OF TENN	32	0	0	0	0	0	0	32	0	0	0	0	0
DAVID LIPSCOMB COL	84	0	0	0	0	0	0	84	0	0	0	0	0
DYERSBURG STATE COMM COL	95	0	0	0	0	0	0	95	0	0	0	0	0
EAST TENNESSEE STATE UNIV	896	0	0	0	0	0	0	823	0	0	73	0	0
FISK UNIV	1,616	0	0	3	0	0	0	1,505	0	0	108	0	0
FREED-HARDEMAN COL	129	0	0	0	0	0	0	123	0	0	6	0	0
GEORGE PEABODY COL TCHRS	2,475	0	0	0	0	0	0	2,304	0	0	171	0	0
HIWASSEE COL	86	0	0	0	0	0	0	86	0	0	0	0	0
JACKSON STATE COMM COL	29	0	0	0	0	0	0	29	0	0	0	0	0
JOHN A GUPTON COLLEGE	8	0	0	0	0	0	0	8	0	0	0	0	0
KING COL	59	0	0	0	0	0	0	49	0	0	10	0	0
KNOXVILLE COL	986	0	0	0	0	0	0	979	0	0	7	0	0
LAMBUTH COL	105	0	0	0	0	0	0	105	0	0	0	0	0
LANE COL	1,127	0	0	0	0	0	0	1,078	0	0	49	0	0
LE MOYNE-OWEN COL	693	0	0	0	0	0	0	690	0	0	3	0	0
LEE COL	208	0	0	0	0	0	0	208	0	0	0	0	0
LINCOLN MEMORIAL UNIV	90	0	0	0	0	0	0	90	0	0	0	0	0
MARTIN COL	34	0	0	0	0	0	0	34	0	0	0	0	0
MARYVILLE COL	349	0	0	0	0	0	0	203	0	0	146	0	0
MCKENZIE COL	67	0	0	0	0	0	0	67	0	0	0	0	0
MEHARRY MEDICAL COL	16,883	0	0	0	488	0	0	16,385	0	0	10	0	0
MEMPHIS ACADEMY OF ARTS	6	0	0	0	0	0	0	6	0	0	0	0	0
MEMPHIS STATE UNIV	1,805	0	0	73	144	0	47	1,169	0	0	87	0	85
MIDDLE TENN STATE UNIV	540	0	0	0	0	0	0	430	0	0	110	0	0
MILLIGAN COL	95	0	0	0	0	0	0	95	0	0	0	0	0
MORRISTOWN COL	265	0	0	0	0	0	0	265	0	0	0	0	0
MOTLOW STATE COMM COL	44	0	0	0	0	0	0	44	0	0	0	0	0
NASHVILLE STATE TECH INST	34	0	0	0	0	0	0	34	0	0	0	0	0
SCARRITT COL CHRISTN WKRS	2	0	0	0	0	0	0	2	0	0	0	0	0
SIENA COL	8	0	0	0	0	0	0	8	0	0	0	0	0
SOUTHERN COL OF OPTOMETRY	904	0	0	0	0	0	0	904	0	0	0	0	0
SOUTHERN MISSIONARY COL	293	0	0	0	0	0	0	293	0	0	0	0	0
SOUTHWESTERN AT MEMPHIS	238	0	0	0	0	0	0	126	0	0	112	0	0
STATE TECH INST MEMPHIS	34	0	0	0	0	0	0	34	0	0	0	0	0
TENNESSEE STATE UNIV	1,177	19	30	0	0	0	0	1,072	0	0	56	0	0
TENNESSEE TECHNOLOGL UNIV	465	0	0	0	0	0	32	347	0	60	26	0	0
TENNESSEE TEMPLE COL	23	0	0	0	0	0	0	23	0	0	0	0	0
TENNESSEE WESLEYAN COL	43	0	0	0	0	0	0	43	0	0	0	0	0
THEVECCA NAZARENE COL	203	0	0	0	0	0	0	203	0	0	0	0	0
TUSCULUM COL	128	0	0	0	0	0	0	128	0	0	0	0	0
U OF TENN MED UNITS MEMPH	10,181	0	94	0	288	0	0	9,755	0	0	44	0	0
UNION UNIV	96	0	0	0	0	0	0	96	0	0	0	0	0
UNIV OF TENN AT CHATTNGA	757	0	0	0	0	0	0	739	0	0	18	0	0
UNIV OF TENN AT KNOXVILLE	14,024	8,590	1,950	0	610	0	18	4,005	179	291	819	0	10
UNIV OF TENN AT MARTIN	229	0	0	0	0	0	0	225	0	0	4	0	0
UNIV OF TENN CEN SYS	59	0	0	0	44	0	0	0	0	0	15	0	0
UNIV OF THE SOUTH	150	0	0	0	0	0	0	54	0	0	96	0	0
VANDERBILT UNIV	16,347	0	130	0	536	0	390	14,274	0	70	1,147	0	0
WALTERS STATE COMM COLL	33	0	0	0	0	0	0	33	0	0	0	0	0
TEXAS, TOTAL	156,598	11,174	3,384	302	10,019	1,131	506	105,301	701	8,438	14,647	279	715
ABILENE CHRISTIAN COL	263	0	0	0	0	0	0	253	0	0	10	0	0
ALVIN JR COL	9	0	0	0	0	0	0	9	0	0	0	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
AMARILLO COL	24	0	0	0	0	0	0	24	0	0	0	0	0
ANGELINA COL	90	0	0	0	0	0	0	90	0	0	0	0	0
ANGELO STATE UNIVERSITY	217	0	0	0	0	0	0	213	0	0	4	0	0
AUSTIN COL	88	0	0	0	0	0	0	88	0	0	0	0	0
BAYLOR COL OF MEDICINE	16,811	0	9	0	159	0	0	16,284	0	286	73	0	0
BAYLOR UNIV	2,314	0	33	0	308	0	0	1,827	0	0	146	0	0
BEE COUNTY COL	80	0	0	0	0	0	0	78	0	0	2	0	0
BISHOP COL	2,088	0	0	0	0	0	0	1,971	0	53	64	0	0
BLINN COL	28	0	0	0	0	0	0	28	0	0	0	0	0
BRAZOSPORT JR COL	112	0	0	0	0	0	0	112	0	0	0	0	0
CENTRAL TEXAS COL	420	0	0	0	0	0	0	420	0	0	0	0	0
CHRISTIAN COL SOUTHWEST	34	0	0	0	0	0	0	34	0	0	0	0	0
CISCO JR COL	104	0	0	0	0	0	0	104	0	0	0	0	0
CLARENDON COL	98	0	0	0	0	0	0	98	0	0	0	0	0
COL OF THE MAINLAND	245	0	0	0	0	0	0	245	0	0	0	0	0
CONCORDIA LUTH COL OF TEX	14	0	0	0	0	0	0	14	0	0	0	0	0
COOKE COUNTY JR COL	94	0	0	0	0	0	0	92	0	0	2	0	0
DALLAS BAPTIST COL	157	0	0	0	0	0	0	157	0	0	0	0	0
DALLAS COUNTY JR COL DIST	1,570	0	0	0	0	0	0	1,570	0	0	0	0	0
DEL MAR COL	161	0	0	0	0	0	0	161	0	0	0	0	0
DOMINICAN COLLEGE	81	0	0	0	0	0	0	81	0	0	0	0	0
EAST TEXAS BAPTIST COL	170	0	0	0	0	0	0	170	0	0	0	0	0
EAST TEXAS STATE UNIV	291	0	0	0	0	0	0	221	0	0	70	0	0
FORT WORTH CHRISTIAN COL	31	0	0	0	0	0	0	31	0	0	0	0	0
FRANK PHILLIPS COL	9	0	0	0	0	0	0	9	0	0	0	0	0
GALVESTON COLLEGE	55	0	0	0	0	0	0	55	0	0	0	0	0
GRAYSON COUNTY JR COL	144	0	0	0	0	0	0	144	0	0	0	0	0
GULF COAST BIBLE COL	8	0	0	0	0	0	0	8	0	0	0	0	0
HARDIN-SIMMONS UNIV	268	0	0	0	0	0	0	256	0	0	12	0	0
HENDERSON COUNTY JR COL	77	0	0	0	0	0	0	77	0	0	0	0	0
HILL JR COL	45	0	0	0	0	0	0	45	0	0	0	0	0
HOUSTON BAPTIST COL	184	0	0	0	0	0	0	145	0	39	0	0	0
HOWARD COUNTY JR COL	55	0	0	0	0	0	0	55	0	0	0	0	0
HOWARD PAYNE COL	93	0	0	0	0	0	0	93	0	0	0	0	0
HUSTON-TILLOTSON COL	562	0	0	0	0	0	0	509	0	0	53	0	0
INCARNATE WORD COL	237	0	0	0	0	0	0	237	0	0	0	0	0
JACKSONVILLE COL	6	0	0	0	0	0	0	6	0	0	0	0	0
JARVIS CHRISTIAN COLLEGE	930	0	0	0	0	0	0	930	0	0	0	0	0
KILGORE COL	147	0	0	0	0	0	0	147	0	0	0	0	0
LAMAR STATE COL OF TECH	570	0	0	0	0	249	0	225	0	0	96	0	0
LAREDO JR COL	424	0	0	0	0	0	0	424	0	0	0	0	0
LEE COL	226	0	0	0	0	0	0	226	0	0	0	0	0
LETOURNEAU COL	142	0	0	0	0	0	0	142	0	0	0	0	0
LON MORRIS COL	30	0	0	0	0	0	0	30	0	0	0	0	0
LUBBOCK CHRISTIAN COL	81	0	0	0	0	0	0	81	0	0	0	0	0
MARY HARDIN-BAYLOR COL	107	0	0	0	0	0	0	107	0	0	0	0	0
MCLENNAN COMM COL	146	0	0	0	0	0	0	144	0	0	2	0	0
MCMURRY COL	197	0	0	0	0	0	0	197	0	0	0	0	0
MIDWESTERN UNIV	64	0	0	0	0	0	0	62	0	0	2	0	0
NAVARRO JR COL	30	0	0	0	0	0	0	30	0	0	0	0	0
NORTH TEXAS STATE UNIV	1,176	0	0	0	21	0	94	745	0	78	238	0	0
ODESSA COL	100	0	0	0	0	0	0	100	0	0	0	0	0
OUR LADY OF THE LAKE COL	829	0	0	0	0	0	0	829	0	0	0	0	0
PAN AMER COL	921	0	0	0	0	234	0	685	0	0	2	0	0
PANOLA COL	127	0	0	0	0	0	0	127	0	0	0	0	0
PARIS JR COL	366	0	0	0	0	0	0	366	0	0	0	0	0
PAUL QUINN COL	568	0	0	0	0	0	0	568	0	0	0	0	0
PRAIRIE VIEW A & M COL	2,376	59	1	0	0	0	0	2,173	0	47	96	0	0
RANGER JR COL	239	0	0	0	0	0	0	239	0	0	0	0	0
RICE UNIV	6,076	0	761	9	734	0	76	1,815	0	1,336	1,418	0	131
SAM HOUSTON STATE UNIV	290	0	0	0	0	0	0	154	0	0	136	0	0
SAN ANTONIO COL	799	0	0	0	0	0	0	799	0	0	0	0	0
SAN JACINTO COL	113	0	0	0	0	0	0	113	0	0	0	0	0
SOUTH PLAINS COL	191	0	0	0	0	0	0	191	0	0	0	0	0
SOUTH TEXAS JR COL	27	0	0	0	0	0	0	27	0	0	0	0	0
SOUTHERN METHODIST UNIV	1,863	0	0	0	179	0	26	489	0	29	1,059	0	85
SOUTHWEST TEXAS JR COL	103	0	0	0	0	0	0	103	0	0	0	0	0
SOUTHWEST TEXAS UNIV	183	0	25	0	0	0	0	146	0	0	12	0	0

EAST TEXAS BAPTIST COL	170							221			70		
EAST TEXAS STATE UNIV	291	0	0	0	0	0	0	31	0	0	0	0	0
FORT WORTH CHRISTIAN COL	31	0	0	0	0	0	0	9	0	0	0	0	0
FRANK PHILLIPS COL	9	0	0	0	0	0	0	55	0	0	0	0	0
GALVESTON COLLEGE	55	0	0	0	0	0	0	144	0	0	0	0	0
GRAYSON COUNTY JR COL	144	0	0	0	0	0	0	8	0	0	0	0	0
GULF COAST BIBLE COL	8	0	0	0	0	0	0	254	0	0	12	0	0
HARDIN-SIMMONS UNIV	266	0	0	0	0	0	0	77	0	0	0	0	0
HENDERSON COUNTY JR COL	77	0	0	0	0	0	0	45	0	0	0	0	0
HILL JR COL	45	0	0	0	0	0	0	145	0	39	0	0	0
HOUSTON BAPTIST COL	184	0	0	0	0	0	0	55	0	0	0	0	0
HOWARD COUNTY JR COL	55	0	0	0	0	0	0	93	0	0	0	0	0
HOWARD PAYNE COL	93	0	0	0	0	0	0	509	0	0	53	0	0
HUSTON-TILLOTSON COL	562	0	0	0	0	0	0	237	0	0	0	0	0
INCARNATE WORD COL	237	0	0	0	0	0	0	6	0	0	0	0	0
JACKSONVILLE COL	6	0	0	0	0	0	0	930	0	0	0	0	0
JARVIS CHRISTIAN COLLEGE	930	0	0	0	0	0	0	147	0	0	0	0	0
KILGORE COL	147	0	0	0	0	0	0	225	0	0	96	0	0
LAMAR STATE COL OF TECH	570	0	0	0	0	249	0	424	0	0	0	0	0
LAREDO JR COL	424	0	0	0	0	0	0	226	0	0	0	0	0
LEE COL	226	0	0	0	0	0	0	147	0	0	0	0	0
LETOURNEAU COL	147	0	0	0	0	0	0	39	0	0	0	0	0
LON MORRIS COL	39	0	0	0	0	0	0	81	0	0	0	0	0
LUBBOCK CHRISTIAN COL	81	0	0	0	0	0	0	182	0	0	0	0	0
MARY HARDIN-BAYLOR COL	182	0	0	0	0	0	0	144	0	0	2	0	0
MCLENNAN COMM COL	146	0	0	0	0	0	0	197	0	0	0	0	0
MCMURRY COL	197	0	0	0	0	0	0	62	0	0	2	0	0
MIDWESTERN UNIV	64	0	0	0	0	0	0	30	0	0	0	0	0
NAVARRO JR COL	30	0	0	0	0	0	0	745	0	78	238	0	0
NORTH TEXAS STATE UNIV	1,176	0	0	0	21	0	94	108	0	0	0	0	0
ODESSA COL	108	0	0	0	0	0	0	829	0	0	0	0	0
OLR LADY OF THE LAKE COL	829	0	0	0	0	0	0	685	0	0	2	0	0
PAN AMER COL	921	0	0	0	0	234	0	127	0	0	0	0	0
PANOLA COL	127	0	0	0	0	0	0	366	0	0	0	0	0
PARIS JR COL	366	0	0	0	0	0	0	568	0	0	0	0	0
PAUL QUINN COL	568	0	0	0	0	0	0	2,173	0	47	96	0	0
PRAIRIE VIEW A & M COL	2,376	59	1	0	0	0	0	239	0	0	0	0	0
RANGER JR COL	239	0	0	0	0	0	0	1,415	0	1,336	1,418	0	131
RICE UNIV	6,076	0	781	9	734	0	76	154	0	0	136	0	0
SAM HOUSTON STATE UNIV	290	0	0	0	0	0	0	799	0	0	0	0	0
SAN ANTONIO COL	799	0	0	0	0	0	0	113	0	0	0	0	0
SAN JACINTO COL	113	0	0	0	0	0	0	191	0	0	0	0	0
SOUTH PLAINS COL	191	0	0	0	0	0	0	27	0	0	0	0	0
SOUTH TEXAS JR COL	27	0	0	0	0	0	0	489	0	29	1,059	0	89
SOUTHERN METHODIST UNIV	1,863	0	0	0	179	0	26	103	0	0	0	0	0
SOUTHWEST TEXAS JR COL	103	0	0	0	0	0	0	144	0	0	12	0	0
SOUTHWEST TEXAS UNIV	183	0	25	0	0	0	0	49	0	0	0	0	0
SOUTHWESTERN UNION COL	49	0	0	0	0	0	0	10	0	0	10	0	0
SOUTHWESTERN UNIV	20	0	0	0	0	0	0	14	0	0	0	0	0
SOUTHWESTN ASSEMB GOD COL	14	0	0	0	0	0	0	101	0	0	0	0	0
SOUTHWESTN CHRISTIAN COL	101	0	0	0	0	0	0	83	0	0	12	0	0
ST EDWARDS UNIV	95	0	0	0	0	0	0	529	0	0	2	0	0
ST MARYS UNIV SAN ANTONIO	531	0	0	0	0	0	0	265	0	0	0	0	0
STEPHEN F AUSTIN ST UNIV	300	35	0	0	0	0	0	235	0	0	0	0	0
SUL ROSS STATE UNIV	235	0	0	0	0	0	0	111	0	0	18	0	0
TARLETON STATE COL	129	0	0	0	0	0	0	386	0	0	0	0	0
TARRANT COUNTY JR COL	386	0	0	0	0	0	0	181	0	0	0	0	0
TEMPLE JR COL	181	0	0	0	0	0	0	34	0	0	0	0	0
TEX COLL OSTOPATHIC MED	34	0	0	0	0	0	0	110	0	0	0	0	0
TEXARKANA COL	110	0	0	0	0	0	0	1,796	148	759	3,215	204	1
TEXAS A & M UNIV	20,479	11,070	1,981	269	1,946	0	90	28	324	0	0	58	330
TEXAS A&M UNIV SYS	741	0	1	0	0	0	0	631	0	16	10	0	0
TEXAS ARTS & INDUST UNIV	657	0	0	0	0	0	0						

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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DED	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
TEXAS CHRISTIAN UNIV	979	0	0	0	0	0	26	801	0	79	73	0	0
TEXAS COL	646	0	0	0	0	0	0	646	0	0	0	0	0
TEXAS LUTHERAN COL	75	0	0	0	0	0	0	65	0	0	10	0	0
TEXAS SOUTHERN UNIV	2,341	0	0	0	0	0	0	2,201	0	10	130	0	0
TEXAS SOUTHMOST COL	187	0	0	0	0	0	0	187	0	0	0	0	0
TEXAS STATE TECH INST	337	0	0	0	0	0	0	337	0	0	0	0	0
TEXAS TECH UNIVERSITY	2,337	0	38	0	134	0	0	1,165	100	67	833	0	0
TEXAS WESLEYAN COL	12	0	0	0	0	0	0	12	0	0	0	0	0
TEXAS WOMANS UNIV	1,416	0	0	0	0	0	0	1,336	0	49	31	0	0
TRINITY UNIV	382	0	0	0	0	0	0	293	0	0	89	0	0
TYLER JR COL	61	0	0	0	0	0	0	61	0	0	0	0	0
U TEX DENT BRANCH HOUSTON	1,964	0	0	0	0	0	0	1,934	0	30	0	0	0
U TEX GRAD SCH BIOMED SCI	131	0	0	0	0	0	12	0	0	79	40	0	0
U TEX HOUSTON MED SCHOOL	10,204	0	0	0	0	0	0	10,204	0	0	0	0	0
U TEX MD ANDRSN HOSP&TUM	323	0	65	0	0	0	0	185	0	70	3	0	0
U TEX MED BRNCH GALVESTON	6,542	0	0	0	0	0	0	6,414	0	128	0	0	0
U TEX SAN ANTONIO	138	0	0	0	138	0	0	0	0	0	0	0	0
U TEX SCH PUB HLTH HOUSTN	593	0	0	0	0	0	0	446	0	147	0	0	0
U TEX SW MED SCH DALLAS	16,298	0	34	0	45	0	0	16,139	0	80	0	0	0
UNIV OF CORPUS CHRISTI	238	0	0	0	0	0	0	238	0	0	0	0	0
UNIV OF DALLAS	70	0	0	0	0	0	0	70	0	0	0	0	0
UNIV OF HOUSTON	5,191	0	134	0	199	230	0	2,956	0	1,138	517	17	0
UNIV OF ST THOMAS	236	0	0	7	15	0	0	167	0	0	47	0	0
UNIV OF TEXAS ARLINGTON	397	0	0	0	0	0	0	365	0	0	32	0	0
UNIV OF TEXAS AT AUSTIN	24,666	10	1,136	14	5,979	174	182	10,120	109	1,539	5,236	0	168
UNIV OF TEXAS AT DALLAS	3,225	0	86	7	25	0	0	88	0	2,372	647	0	0
UNIV OF TEXAS AT EL PASO	1,537	0	0	0	162	214	0	1,058	0	7	96	0	0
UNIV OF TEXAS CEN SYS	1,723	0	0	0	75	30	0	1,584	0	0	34	0	0
UNIV OF TEXAS MEDICAL SCH	2,297	0	0	0	0	0	0	2,290	0	0	7	0	0
WAYLAND BAPTIST COL	124	0	0	0	0	0	0	124	0	0	0	0	0
WEATHERFORD COL	16	0	0	0	0	0	0	16	0	0	0	0	0
WEST TEXAS STATE UNIV	339	0	0	0	0	0	0	277	0	0	62	0	0
WESTERN TEXAS COLLEGE	152	0	0	0	0	0	0	152	0	0	0	0	0
WHARTON COUNTY JR COL	246	0	0	0	0	0	0	246	0	0	0	0	0
WILEY COL	344	0	0	0	0	0	0	344	0	0	0	0	0
UTAH, TOTAL	37,582	1,610	1,566	57	3,462	731	410	22,145	1,093	442	5,229	25	812
BRIGHAM YOUNG UNIV	1,298	7	41	31	136	0	28	632	0	20	403	0	0
COLLEGE OF EASTERN UTAH	165	0	0	0	0	0	0	165	0	0	0	0	0
DIXIE COL	107	0	0	0	0	0	0	107	0	0	0	0	0
SNOW COLLEGE	341	0	0	0	0	0	0	341	0	0	0	0	0
SOUTHERN UTAH STATE COLL	411	0	0	0	0	0	0	355	0	0	56	0	0
STEVENS HENAGER COL	122	0	0	0	0	0	0	122	0	0	0	0	0
UNIV OF UTAH	26,072	0	1,444	20	2,506	731	275	18,052	179	361	2,419	0	85
UTAH STATE UNIV	8,134	1,603	81	6	1,020	0	107	1,673	914	61	2,117	25	527
UTAH TECHNICAL COL-PROVO	52	0	0	0	0	0	0	52	0	0	0	0	0
UTAH TECHNICAL COL-SLT LK	46	0	0	0	0	0	0	46	0	0	0	0	0
WEBER STATE COL	776	0	0	0	0	0	0	542	0	0	234	0	0
WESTMINSTER COL	58	0	0	0	0	0	0	58	0	0	0	0	0
VERMONT, TOTAL	10,221	1,341	37	0	209	0	21	8,100	102	0	385	186	0
BENNINGTON COL	221	0	0	0	0	0	0	203	0	0	18	0	0
CASTLETON STATE COL	63	0	0	0	0	0	0	63	0	0	0	0	0
CHAMPLAIN COL	25	0	0	0	0	0	0	25	0	0	0	0	0
COL OF ST JOSEPH THE PROV	25	0	0	0	0	0	0	25	0	0	0	0	0
GODDARD COL	116	0	0	0	0	0	0	116	0	0	0	0	0
GREEN MOUNTAIN COL	4	0	0	0	0	0	0	4	0	0	0	0	0
JOHNSON STATE COL	263	0	0	0	0	0	0	263	0	0	0	0	0
LYNDON STATE COL	65	0	0	0	0	0	0	65	0	0	0	0	0
MARLBORO COL	7	0	0	0	0	0	0	7	0	0	0	0	0
MIDDLEBURY COL	85	0	0	0	0	0	21	55	0	0	9	0	0
NORWICH UNIV	22	0	0	0	0	0	0	20	0	0	2	0	0
ST JOSEPH COL	22	0	0	0	0	0	0	22	0	0	0	0	0

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UNIV OF DALLAS	70	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF HOUSTON	5,191	0	134	0	199	230	0	2,956	0	1,138	917	17	0
UNIV OF ST THOMAS	236	0	0	7	15	0	0	167	0	0	47	0	0
UNIV OF TEXAS ARLINGTON	397	0	0	0	0	0	0	365	0	0	32	0	0
UNIV OF TEXAS AT AUSTIN	24,666	10	1,136	14	5,978	174	182	10,120	109	1,539	5,236	0	168
UNIV OF TEXAS AT DALLAS	3,225	0	86	7	25	0	0	88	0	2,372	647	0	0
UNIV OF TEXAS AT EL PASO	1,537	0	0	0	162	214	0	1,058	0	7	96	0	0
UNIV OF TEXAS CEN SYS	1,723	0	0	0	75	30	0	1,584	0	0	34	0	0
UNIV OF TEXAS MEDICAL SCH	2,297	0	0	0	0	0	0	2,290	0	0	7	0	0
WAYLAND BAPTIST COL	124	0	0	0	0	0	0	124	0	0	0	0	0
WEATHERFORD COL	16	0	0	0	0	0	0	16	0	0	0	0	0
WEST TEXAS STATE UNIV	339	0	0	0	0	0	0	277	0	0	62	0	0
WESTERN TEXAS COLLEGE	152	0	0	0	0	0	0	152	0	0	0	0	0
WHARTON COUNTY JR COL	246	0	0	0	0	0	0	246	0	0	0	0	0
WILEY COL	344	0	0	0	0	0	0	344	0	0	0	0	0
UTAH, TOTAL	37,582	1,610	1,566	57	3,462	731	410	22,145	1,093	442	5,229	25	612
BRIGHAM YOUNG UNIV	1,298	7	41	31	136	0	28	632	0	20	403	0	0
COLLEGE OF EASTERN UTAH	165	0	0	0	0	0	0	165	0	0	0	0	0
DIXIE COL	107	0	0	0	0	0	0	107	0	0	0	0	0
SNOW COLLEGE	341	0	0	0	0	0	0	341	0	0	0	0	0
SOUTHERN UTAH STATE COLL	411	0	0	0	0	0	0	355	0	0	56	0	0
STEVENS HENAGER COL	122	0	0	0	0	0	0	122	0	0	0	0	0
UNIV OF UTAH	26,072	0	1,444	20	2,506	731	275	18,052	179	361	2,419	0	85
UTAH STATE UNIV	8,134	1,603	81	6	1,020	0	107	1,673	914	61	2,117	25	527
UTAH TECHNICAL COL-PROVO	52	0	0	0	0	0	0	52	0	0	0	0	0
UTAH TECHNICAL COL-SLT LK	46	0	0	0	0	0	0	46	0	0	0	0	0
WEBER STATE COL	776	0	0	0	0	0	0	542	0	0	234	0	0
WESTMINSTER COL	58	0	0	0	0	0	0	58	0	0	0	0	0
VERMONT, TOTAL	10,221	1,341	37	0	209	0	21	8,100	102	0	385	106	0
BENNINGTON COL	221	0	0	0	0	0	0	203	0	0	18	0	0
CASTLETON STATE COL	63	0	0	0	0	0	0	63	0	0	0	0	0
CHAMPLAIN COL	25	0	0	0	0	0	0	25	0	0	0	0	0
COL OF ST JOSEPH THE PROV	25	0	0	0	0	0	0	25	0	0	0	0	0
GODDARD COL	116	0	0	0	0	0	0	116	0	0	0	0	0
GREEN MOUNTAIN COL	4	0	0	0	0	0	0	4	0	0	0	0	0
JOHNSON STATE COL	263	0	0	0	0	0	0	263	0	0	0	0	0
LYNDON STATE COL	65	0	0	0	0	0	0	65	0	0	0	0	0
MARLBORO COL	7	0	0	0	0	0	0	7	0	0	0	0	0
MIDDLEBURY COL	85	0	0	0	0	0	21	55	0	0	9	0	0
NORWICH UNIV	22	0	0	0	0	0	0	20	0	0	2	0	0
ST JOSEPH COL	22	0	0	0	0	0	0	22	0	0	0	0	0
ST MICHAELS COL	95	0	0	0	0	0	0	95	0	0	0	0	0
TRINITY COL	668	0	0	0	0	0	0	668	0	0	0	0	0
UNIV OF VERMONT	8,159	1,341	37	0	209	0	0	6,101	102	0	263	106	0
VERMONT COL	71	0	0	0	0	0	0	71	0	0	0	0	0
VERMONT TECHNICAL COL	167	0	0	0	0	0	0	167	0	0	0	0	0
WINDHAM COL	143	0	0	0	0	0	0	130	0	0	13	0	0
VIRGINIA, TOTAL	44,989	5,762	443	0	1,583	0	40	30,651	443	2,230	3,712	2	123
AVERETT COL	46	0	0	0	0	0	0	46	0	0	0	0	0
BLUE RIDGE COMMUNITY COL	32	0	0	0	0	0	0	32	0	0	0	0	0
BRIDGEWATER COL	93	0	0	0	0	0	0	81	0	0	12	0	0
CENTRAL VIRGINIA COMM COL	12	0	0	0	0	0	0	12	0	0	0	0	0
COL OF WILLIAM AND MARY	588	0	0	0	0	0	0	189	0	208	191	0	0
COLLEGE OF THE POTOMAC	13	0	0	0	0	0	0	13	0	0	0	0	0
DABNEY LANCASTER COMM COL	194	0	0	0	0	0	0	194	0	0	0	0	0
DANVILLE COMM COL	30	0	0	0	0	0	0	30	0	0	0	0	0
EASTERN MENNONITE COL	332	0	0	0	0	0	0	330	0	0	2	0	0
EMORY & HENRY COL	54	0	0	0	0	0	0	54	0	0	0	0	0

TABLE B-22
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TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER•
VIRGINIA													
FERRUM JR COL	131	0	0	0	0	0	0	131	0	0	0	0	0
GERMANNA CMTY COLLEGE	38	0	0	0	0	0	0	38	0	0	0	0	0
HAMPDEN-SYDNEY COL	45	0	0	0	0	0	0	32	0	0	13	0	0
HAMPTON INST	1,196	0	0	0	0	0	0	1,096	0	0	100	0	0
HOLLINS COL	179	0	0	0	0	0	0	120	0	0	59	0	0
JOHN TYLER COMM COL	169	0	0	0	0	0	0	169	0	0	0	0	0
LONGWOOD COL	98	0	0	0	0	0	0	98	0	0	0	0	0
LORD FAIRFAX CMTY COLLEGE	222	0	0	0	0	0	0	222	0	0	0	0	0
LYNCHBURG COL	373	0	0	0	0	0	0	213	0	0	160	0	0
MADISON COL	153	0	0	0	0	0	0	98	0	0	55	0	0
MARY BALDWIN COL	55	0	0	0	0	0	0	5	0	0	50	0	0
MARYMOUNT COL	26	0	0	0	0	0	0	26	0	0	0	0	0
NEW RIVER COMMUNITY COL	2	0	0	0	0	0	0	2	0	0	0	0	0
NORFOLK STATE COL	1,663	0	0	0	0	0	0	1,610	0	0	15	0	38
NORTHERN VIRGINIA COMM CO	555	0	0	0	0	0	0	555	0	0	0	0	0
OLD DOMINION UNIV	1,140	0	0	0	17	0	10	218	0	795	100	0	0
PAUL D CAMP CMTY COLLEGE	21	0	0	0	0	0	0	21	0	0	0	0	0
PRES SCH OF CHRISTIAN ED	10	0	0	0	0	0	0	10	0	0	0	0	0
RADFORD COL	425	0	0	0	0	0	0	369	0	0	56	0	0
RANDOLPH-MACON COL	35	0	0	0	0	0	0	33	0	0	2	0	0
RANDOLPH-MACON WOMANS COL	141	0	0	0	0	0	0	38	0	0	103	0	0
RAPPAHANNOCK CMTY COLLEGE	19	0	0	0	0	0	0	19	0	0	0	0	0
ROANOKE COL	247	0	20	0	0	0	0	217	0	0	10	0	0
SHENANDOAH COL	57	0	0	0	0	0	0	57	0	0	0	0	0
SOUTHERN SEMINARY JR COL	7	0	0	0	0	0	0	7	0	0	0	0	0
SOUTHSIDE VA CMTY COLLEGE	24	0	0	0	0	0	0	24	0	0	0	0	0
SOUTHWEST VA COMM COL	376	0	0	0	0	0	0	376	0	0	0	0	0
ST PAULS COL	518	0	0	0	0	0	0	518	0	0	0	0	0
STRATFORD COL	6	0	0	0	0	0	0	6	0	0	0	0	0
SWEET BRIAR COL	2	0	0	0	0	0	0	0	0	0	2	0	0
THOMAS NELSON COMM COL	39	0	0	0	0	0	0	39	0	0	0	0	0
TIDEWATER COMMUNITY COL	39	0	0	0	0	0	0	39	0	0	0	0	0
UNIV OF RICHMOND	79	0	0	0	0	0	0	69	0	0	10	0	0
UNIV OF VIRGINIA	13,922	0	281	0	986	0	12	10,364	25	591	1,661	2	0
VA COMM COL CEN SYS	221	0	0	0	0	0	0	221	0	0	0	0	0
VA COMMONWEALTH UNIV	8,175	0	54	0	242	0	8	7,594	0	190	85	0	0
VA HIGHLANDS COMM COL	11	0	0	0	0	0	0	11	0	0	0	0	0
VIRGINIA INTERMONT COL	8	0	0	0	0	0	0	8	0	0	0	0	0
VIRGINIA MILITARY INST	38	0	0	0	16	0	0	10	0	5	7	0	0
VIRGINIA POLYTECHNIC INST	9,320	5,744	88	0	322	0	10	1,578	418	441	719	0	0
VIRGINIA SEMINARY & COL	6	0	0	0	0	0	0	6	0	0	0	0	0
VIRGINIA STATE COL	2,022	18	0	0	0	0	0	1,629	0	0	290	0	85
VIRGINIA UNION UNIV	1,169	0	0	0	0	0	0	1,169	0	0	0	0	0
VIRGINIA WESLEYAN COL	33	0	0	0	0	0	0	33	0	0	0	0	0
VIRGINIA WESTERN COMM COL	28	0	0	0	0	0	0	28	0	0	0	0	0
WASHINGTON & LEE UNIV	66	0	0	0	0	0	0	56	0	0	10	0	0
WYTHEVILLE COMM COL	486	0	0	0	0	0	0	486	0	0	0	0	0
WASHINGTON, TOTAL	73,666	3,307	2,778	1,207	5,483	236	943	46,933	954	650	11,227	148	200
BELLEVUE COMM COL	64	0	0	0	0	0	0	64	0	0	0	0	0
BIG BEND COMM COL	160	0	0	0	0	0	0	142	0	0	18	0	0
CENTRAL WASH STATE COL	276	0	0	0	0	0	0	241	0	0	35	0	0
CENTRALIA COL	70	0	0	0	0	0	0	70	0	0	0	0	0
CLARK COL	37	0	0	0	0	0	0	37	0	0	0	0	0
COLUMBIA BASIN COMM COL	110	0	0	0	0	0	0	110	0	0	0	0	0
EASTERN WASH STATE COL	571	0	0	0	0	0	0	559	0	0	12	0	0
EDMONDS COMM COL	62	0	0	0	0	0	0	62	0	0	0	0	0
EVERETT COMM COL	102	0	0	0	0	0	0	102	0	0	0	0	0
EVERGREEN STATE COLLEGE	33	0	0	0	0	0	0	33	0	0	0	0	0
FORT STEILACOOM COMM COLL	49	0	0	0	0	0	0	49	0	0	0	0	0
FORT WRIGHT COL HOLY NAME	128	0	0	0	0	0	0	113	0	0	15	0	0
GONZAGA UNIV	256	0	0	0	0	0	0	238	0	0	18	0	0
GRAYS HARBOR COL	51	0	0	0	0	0	0	51	0	0	0	0	0
GREEN RIVER COMM COL	147	0	0	0	0	0	0	147	0	0	0	0	0
HIGHLINE COMMUNITY COLL	217	0	0	0	0	0	0	217	0	0	0	0	0
LOWER COLUMBIA COL	102	0	0	0	0	0	0	102	0	0	0	0	0
NORTHWEST COL	44	0	0	0	0	0	0	44	0	0	0	0	0
OLYMPIC COL	133	0	0	0	0	0	0	133	0	0	0	0	0
PACIFIC LUTHERAN UNIV	448	0	0	0	0	0	0	378	0	0	70	0	0

SOUTHWEST VA COMM COL	376	0	0	0	0	0	0	376	0	0	0	0	0
ST PAULS COL	518	0	0	0	0	0	0	518	0	0	0	0	0
STRATFORD COL	6	0	0	0	0	0	0	6	0	0	0	0	0
SWEET BRIAR COL	2	0	0	0	0	0	0	0	0	0	2	0	0
THOMAS NELSON COMM COL	39	0	0	0	0	0	0	39	0	0	0	0	0
TIDEWATER COMMUNITY COL	39	0	0	0	0	0	0	39	0	0	0	0	0
UNIV OF RICHMOND	79	0	0	0	0	0	0	69	0	0	10	0	0
UNIV OF VIRGINIA	13,922	0	281	0	986	0	12	10,364	25	591	1,661	2	0
VA COMM COL CEN SYS	221	0	0	0	0	0	0	221	0	0	0	0	0
VA COMMONWEALTH UNIV	8,175	0	54	0	242	0	8	7,594	0	196	85	0	0
VA HIGHLANDS COMM COL	11	0	0	0	0	0	0	11	0	0	0	0	0
VIRGINIA INTERMONT COL	8	0	0	0	0	0	0	8	0	0	0	0	0
VIRGINIA MILITARY INST	38	0	0	0	16	0	0	10	0	5	7	0	0
VIRGINIA POLYTECHNIC INST	9,320	5,744	88	0	322	0	10	1,578	418	441	719	0	0
VIRGINIA SEMINARY & COL	6	0	0	0	0	0	0	6	0	0	0	0	0
VIRGINIA STATE COL	2,022	18	0	0	0	0	0	1,629	0	0	290	0	85
VIRGINIA UNION UNIV	1,169	0	0	0	0	0	0	1,169	0	0	0	0	0
VIRGINIA WESLEYAN COL	33	0	0	0	0	0	0	33	0	0	0	0	0
VIRGINIA WESTERN COMM COL	28	0	0	0	0	0	0	28	0	0	0	0	0
WASHINGTON & LEE UNIV	66	0	0	0	0	0	0	56	0	0	10	0	0
WYTHEVILLE COMM COL	486	0	0	0	0	0	0	486	0	0	0	0	0
WASHINGTON, TOTAL	73,666	3,307	2,778	1,207	5,483	236	943	46,933	954	650	11,227	148	200
BELLEVUE COMM COL	64	0	0	0	0	0	0	64	0	0	0	0	0
BIG BEND COMM COL	160	0	0	0	0	0	0	142	0	0	18	0	0
CENTRAL WASH STATE COL	276	0	0	0	0	0	0	241	0	0	35	0	0
CENTRALIA COL	70	0	0	0	0	0	0	70	0	0	0	0	0
CLARK COL	37	0	0	0	0	0	0	37	0	0	0	0	0
COLUMBIA BASIN COMM COL	110	0	0	0	0	0	0	110	0	0	0	0	0
EASTERN WASH STATE COL	571	0	0	0	0	0	0	559	0	0	12	0	0
EDMONDS COMM COL	62	0	0	0	0	0	0	62	0	0	0	0	0
EVERETT COMM COL	102	0	0	0	0	0	0	102	0	0	0	0	0
EVERGREEN STATE COLLEGE	33	0	0	0	0	0	0	33	0	0	0	0	0
FORT STEILACOOM COMM COLL	49	0	0	0	0	0	0	49	0	0	0	0	0
FORT WRIGHT COL HOLY NAME	128	0	0	0	0	0	0	113	0	0	15	0	0
GONZAGA UNIV	256	0	0	0	0	0	0	238	0	0	18	0	0
GRAYS HARBOR COL	51	0	0	0	0	0	0	51	0	0	0	0	0
GREEN RIVER COMM COL	147	0	0	0	0	0	0	147	0	0	0	0	0
HIGHLINE COMMUNITY COLL	217	0	0	0	0	0	0	217	0	0	0	0	0
LOWER COLUMBIA COL	102	0	0	0	0	0	0	102	0	0	0	0	0
NORTHWEST COL	44	0	0	0	0	0	0	44	0	0	0	0	0
OLYMPIC COL	133	0	0	0	0	0	0	133	0	0	0	0	0
PACIFIC LUTHERAN UNIV	448	0	0	0	0	0	0	378	0	0	70	0	0
PENINSULA COL	29	0	0	0	0	0	0	29	0	0	0	0	0
SEATTLE COMM COL	747	0	0	0	0	0	0	699	0	0	48	0	0
SEATTLE PACIFIC COL	236	0	0	0	0	0	0	236	0	0	0	0	0
SEATTLE UNIV	673	0	0	0	0	0	0	581	0	0	92	0	0
SHORELINE COMM COL	490	0	0	0	0	0	0	490	0	0	0	0	0
SKAGIT VALLEY COL	30	0	0	0	0	0	0	30	0	0	0	0	0
SPOKANE COMM COL	192	0	0	0	0	0	0	192	0	0	0	0	0
ST MARTINS COL	100	0	0	0	0	0	0	53	0	0	47	0	0
TACOMA COMM COL	205	0	0	0	0	0	0	205	0	0	0	0	0
UNIV OF PUGET SOUND	299	0	0	0	0	0	0	270	0	0	29	0	0
UNIV OF WASHINGTON	56,535	133	2,483	1,207	5,109	0	630	36,939	211	650	8,825	148	0
WALLA WALLA COL	265	0	0	0	0	0	0	223	0	0	42	0	0
WALLA WALLA COMMUNITY COL	51	0	0	0	0	0	0	51	0	0	0	0	0
WASHINGTON STATE UNIV	8,969	3,174	287	0	174	236	248	2,613	543	0	1,694	0	200

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
WASHINGTON													
WENATCHEE VALLEY COL	279	0	0	0	0	0	0	262	0	0	17	0	0
WESTERN WASH STATE COL	1,104	0	8	0	0	0	65	819	0	0	212	0	0
WHITMAN COL	94	0	0	0	0	0	0	81	0	0	13	0	0
WHITWORTH COL	180	0	0	0	0	0	0	140	0	0	40	0	0
YAKIMA VALLEY COL	128	0	0	0	0	0	0	128	0	0	0	0	0
WEST VIRGINIA, TOTAL	19,759	3,555	0	24	18	421	636	13,189	463	90	924	129	110
ALDERSON-BROADDUS COL	932	0	0	0	0	0	0	932	0	0	0	0	0
BECKLEY COL	60	0	0	0	0	0	0	60	0	0	0	0	0
BETHANY COL	176	0	0	0	0	0	0	128	0	0	48	0	0
BLUEFIELD STATE COL	309	0	0	0	0	0	0	309	0	0	0	0	0
CONCORD COL	468	0	0	0	0	0	0	430	0	0	38	0	0
DAVIS & ELKINS COL	650	0	0	0	0	0	0	650	0	0	0	0	0
FAIRMONT STATE COL	459	0	0	0	0	0	0	457	0	0	2	0	0
GLENVILLE STATE COL	192	0	0	0	0	0	0	190	0	0	2	0	0
MARSHALL UNIV	795	0	0	0	0	0	0	683	0	0	112	0	0
MORRIS HARVEY COL	166	0	0	0	0	0	0	166	0	0	0	0	0
OHIO VALLEY COL	22	0	0	0	0	0	0	22	0	0	0	0	0
POTOMAC ST COL OF W VA U	104	0	0	0	0	0	0	104	0	0	0	0	0
SALEM COL	304	0	0	0	0	0	0	304	0	0	0	0	0
SHEPHERD COL	142	0	0	0	0	0	0	142	0	0	0	0	0
WEST LIBERTY STATE COL	386	0	0	0	0	0	0	386	0	0	0	0	0
WEST VIRGINIA INST TECH	1,342	0	0	0	0	421	0	717	0	0	4	0	0
WEST VIRGINIA STATE COL	615	0	0	0	0	0	0	590	0	0	0	0	25
WEST VIRGINIA UNIV	11,913	3,555	0	24	18	0	636	6,232	463	90	681	129	85
WEST VIRGINIA WESLEYN COL	653	0	0	0	0	0	0	630	0	0	23	0	0
WHEELING COL	71	0	0	0	0	0	0	57	0	0	14	0	0
WISCONSIN, TOTAL	79,772	5,284	3,168	245	1,499	7,558	1,068	48,367	358	2,849	8,495	116	765
ALVERNO COL	155	0	0	0	0	0	0	155	0	0	0	0	0
BELOIT COL	124	0	0	0	0	0	0	118	0	0	6	0	0
CARDINAL STRITCH COL	15	0	0	0	0	0	0	15	0	0	0	0	0
CARROLL COL	85	0	0	0	0	0	0	77	0	0	8	0	0
CARTHAGE COL	65	0	0	0	0	0	0	65	0	0	0	0	0
CONCORDIA COL	10	0	0	0	0	0	0	10	0	0	0	0	0
DISTRICT ONE TECH INST	152	0	0	0	0	0	0	152	0	0	0	0	0
DODGE COUNTY TCHRS COL	7	0	0	0	0	0	0	7	0	0	0	0	0
DOMINICAN COL	90	0	0	0	0	0	0	90	0	0	0	0	0
EDGEWOOD COL	27	0	0	0	0	0	0	27	0	0	0	0	0
FOND DU LAC TECH INST	11	0	0	0	0	0	0	11	0	0	0	0	0
FOX VALLEY TECHNICAL INST	3	0	0	0	0	0	0	3	0	0	0	0	0
HOLY FAMILY COL	8	0	0	0	0	0	0	8	0	0	0	0	0
INST OF PAPER CHEMISTRY	14	3	0	0	0	0	0	0	0	0	11	0	0
KENOSHA TECHNICAL INST	16	0	0	0	0	0	0	16	0	0	0	0	0
LAKELAND COL	155	0	0	0	0	0	0	155	0	0	0	0	0
LAWRENCE UNIV	171	0	0	0	0	0	0	113	0	0	58	0	0
LAYTON SCHOOL OF ART	5	0	0	0	0	0	0	5	0	0	0	0	0
MADISON AREA TECH COLLEGE	204	0	0	0	0	0	0	204	0	0	0	0	0
MARIAN COL OF FOND DU LAC	54	0	0	0	0	0	0	54	0	0	0	0	0
MARQUETTE UNIV	3,251	0	36	0	82	0	37	2,771	0	22	303	0	0
MEDICAL COLLEGE OF WISC	3,369	0	0	27	43	0	35	3,124	0	0	70	0	70
MILTON COL	30	0	0	0	0	0	0	30	0	0	0	0	0
MILWAUKEE AREA TECH COL	325	0	0	0	0	0	0	320	0	0	5	0	0
MILWAUKEE SCHOOL OF ENG	51	0	0	0	0	0	0	51	0	0	0	0	0
MT MARY COL	87	0	0	0	0	0	0	87	0	0	0	0	0
MT SENARIO COL	78	0	0	0	0	0	0	78	0	0	0	0	0
NE WISCONSIN TECH INST	542	0	0	0	0	0	0	542	0	0	0	0	0
NICOLET COL & TECH INST	392	0	0	0	0	0	0	392	0	0	0	0	0
NORTH CENTRAL TECH INST	264	0	0	0	0	0	0	264	0	0	0	0	0
NORTHLAND COL	111	0	0	0	0	0	0	111	0	0	0	0	0
RIPON COL	179	0	0	0	0	0	0	131	0	0	48	0	0
ST NORBERT COL	114	0	0	0	0	0	0	112	0	0	2	0	0
STOUT STATE UNIV	519	0	0	0	0	0	0	505	0	0	14	0	0
UNIV OF WISC CEN SYS	59	0	0	0	21	0	0	21	0	0	17	0	0
UNIV OF WISC GREEN BAY	165	0	0	0	0	0	95	43	0	16	11	0	0
UNIV OF WISC PARKSIDE	112	0	19	0	0	0	0	93	0	0	0	0	0

POTOMAC ST COL OF W VA U	104	0	0	0	0	0	0	104	0	0	0	0	0
SALEM COL	304	0	0	0	0	0	0	304	0	0	0	0	0
SHEPHERD COL	142	0	0	0	0	0	0	142	0	0	0	0	0
WEST LIBERTY STATE COL	386	0	0	0	0	0	0	386	0	0	0	0	0
WEST VIRGINIA INST TECH	1,342	0	0	0	0	621	0	717	0	0	4	0	0
WEST VIRGINIA STATE COL	615	0	0	0	0	0	0	590	0	0	0	0	25
WEST VIRGINIA UNIV	11,913	3,555	0	24	19	0	636	6,232	463	90	881	129	85
WEST VIRGINIA WESLEYN COL	653	0	0	0	0	0	0	630	0	0	23	0	0
WHEELING COL	71	0	0	0	0	0	0	57	0	0	14	0	0
WISCONSIN, TOTAL	79,772	5,284	3,168	245	1,499	7,558	1,068	48,367	388	2,849	8,495	116	765
ALVERNO COL	155	0	0	0	0	0	0	155	0	0	0	0	0
BELOIT COL	124	0	0	0	0	0	0	118	0	0	6	0	0
CARDINAL STRITCH COL	15	0	0	0	0	0	0	15	0	0	0	0	0
CARROLL COL	85	0	0	0	0	0	0	77	0	0	8	0	0
CARTHAGE COL	65	0	0	0	0	0	0	65	0	0	0	0	0
CONCORDIA COL	10	0	0	0	0	0	0	10	0	0	0	0	0
DISTRICT ONE TECH INST	152	0	0	0	0	0	0	152	0	0	0	0	0
DODGE COUNTY TCHRS COL	7	0	0	0	0	0	0	7	0	0	0	0	0
DOMINICAN COL	90	0	0	0	0	0	0	90	0	0	0	0	0
EDGEWOOD COL	27	0	0	0	0	0	0	27	0	0	0	0	0
FOND DU LAC TECH INST	11	0	0	0	0	0	0	11	0	0	0	0	0
FOX VALLEY TECHNICAL INST	3	0	0	0	0	0	0	3	0	0	0	0	0
HOLY FAMILY COL	8	0	0	0	0	0	0	8	0	0	0	0	0
INST OF PAPER CHEMISTRY	14	3	0	0	0	0	0	0	0	0	11	0	0
KENOSHA TECHNICAL INST	16	0	0	0	0	0	0	16	0	0	0	0	0
LAKELAND COL	155	0	0	0	0	0	0	155	0	0	0	0	0
LAWRENCE UNIV	171	0	0	0	0	0	0	113	0	0	58	0	0
LAYTON SCHOOL OF ART	5	0	0	0	0	0	0	5	0	0	0	0	0
MADISON AREA TECH COLLEGE	204	0	0	0	0	0	0	204	0	0	0	0	0
MARIAN COL OF FOND DU LAC	54	0	0	0	0	0	0	54	0	0	0	0	0
MARQUETTE UNIV	3,251	0	36	0	82	0	37	2,771	0	22	303	0	0
MEDICAL COLLEGE OF WISC	3,369	0	0	27	43	0	35	3,124	0	0	70	0	70
MILTON COL	30	0	0	0	0	0	0	30	0	0	0	0	0
MILWAUKEE AREA TECH COL	325	0	0	0	0	0	0	320	0	0	5	0	0
MILWAUKEE SCHOOL OF ENG	51	0	0	0	0	0	0	51	0	0	0	0	0
MT MARY COL	87	0	0	0	0	0	0	87	0	0	0	0	0
MT SENARIO COL	78	0	0	0	0	0	0	78	0	0	0	0	0
NE WISCONSIN TECH INST	542	0	0	0	0	0	0	542	0	0	0	0	0
NICOLET COL & TECH INST	392	0	0	0	0	0	0	392	0	0	0	0	0
NORTH CENTRAL TECH INST	264	0	0	0	0	0	0	264	0	0	0	0	0
NORTHLAND COL	111	0	0	0	0	0	0	111	0	0	0	0	0
RIPON COL	179	0	0	0	0	0	0	131	0	0	48	0	0
ST NORBERT COL	114	0	0	0	0	0	0	112	0	0	2	0	0
STOUT STATE UNIV	519	0	0	0	0	0	0	505	0	0	14	0	0
UNIV OF WISC CEN SYS	59	0	0	0	21	0	0	21	0	0	17	0	0
UNIV OF WISC GREEN BAY	165	0	0	0	0	0	95	43	0	16	11	0	0
UNIV OF WISC PARKSIDE	112	0	19	0	0	0	0	93	0	0	0	0	0
UNIV OF WISCONSIN CTR	314	0	0	0	0	0	254	11	0	0	49	0	0
UNIV OF WISCONSIN MADISON	57,320	5,281	2,965	219	1,311	7,361	607	29,057	323	2,766	6,736	0	695
UNIV OF WISCONSIN MILWAUK	3,461	0	148	0	42	197	40	2,415	35	45	423	116	0
VITERBO COL	169	0	0	0	0	0	0	169	0	0	0	0	0
WAUKESHA COUNTY TECH INST	17	0	0	0	0	0	0	17	0	0	0	0	0
WAUSHARA COUNTY TCHRS COL	200	0	0	0	0	0	0	200	0	0	0	0	0
WESTERN WISC TECH INST	361	0	0	0	0	0	0	361	0	0	0	0	0
WISC ST UNIV CEN SYS	4,763	0	0	0	0	0	0	4,657	0	0	106	0	0
WISC ST UNIV STEVENS PNT	557	0	0	0	0	0	0	528	0	0	29	0	0
WISC STATE UNIV EAU CLAIR	414	0	0	0	0	0	0	336	0	0	78	0	0
WISC STATE UNIV LA CROSSE	124	0	0	0	0	0	0	75	0	0	49	0	0
WISC STATE UNIV OSHKOSH	409	0	0	0	0	0	0	305	0	0	104	0	0
WISC STATE UNIV PLATTEVLL	56	0	0	0	0	0	0	56	0	0	0	0	0
WISC STATE UNIV RIVER FLL	54	0	0	0	0	0	0	6	0	0	48	0	0
WISC STATE UNIV SUPERIOR	257	0	0	0	0	0	0	3	0	0	254	0	0
WISC STATE UNIV WHITEWATR	252	0	0	0	0	0	0	186	0	0	66	0	0

TABLE B-22
CONTINUED

TOTAL FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES,
BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
WISCONSIN													
WISCONSIN CONSERVATORY	25	0	0	0	0	0	0	25	0	0	0	0	0
WYOMING, TOTAL	5,694	1,233	60	21	77	0	122	1,832	819	75	1,455	0	0
CASPER COL	217	0	0	0	0	0	0	217	0	0	0	0	0
CENTRAL WYOMING COL	16	0	0	0	0	0	0	16	0	0	0	0	0
EASTERN WYOMING COL	52	0	0	0	0	0	0	52	0	0	0	0	0
LARAMIE COUNTY COMM COLL	168	0	0	0	0	0	0	168	0	0	0	0	0
NORTHWEST COMM COL	23	0	0	0	0	0	0	23	0	0	0	0	0
SHERIDAN COLLEGE	43	0	0	0	0	0	0	41	0	0	2	0	0
UNIV OF WYOMING	5,163	1,233	60	21	77	0	122	1,303	819	75	1,453	0	0
WESTERN WYOMING COMM COL	12	0	0	0	0	0	0	12	0	0	0	0	0
GUAM, TOTAL	430	0	0	0	0	0	0	430	0	0	0	0	0
UNIVERSITY OF GUAM	430	0	0	0	0	0	0	430	0	0	0	0	0
PUERTO RICO, TOTAL	24,126	5,218	3,176	0	28	0	0	14,708	100	0	404	0	500
CATHOLIC UNIV OF P R	729	0	0	0	0	0	0	693	0	0	36	0	0
COL OF THE SACRED HEART	274	0	0	0	0	0	0	274	0	0	0	0	0
INTER AMER UNIV OF P R	1,792	0	0	0	0	0	0	1,746	0	0	46	0	0
PUERTO RICO JR COL	883	0	0	0	0	0	0	883	0	0	0	0	0
UNIV OF P R CEN SYS	3,762	0	3,176	0	0	0	0	496	0	0	90	0	0
UNIV OF P R MAYAGUEZ	1,033	0	0	0	28	0	0	336	100	0	77	0	500
UNIV OF P R RIO PIEDRAS	8,218	5,218	0	0	0	0	0	2,845	0	0	155	0	0
UNIV OF P R SAN JUAN	7,435	0	0	0	0	0	0	7,435	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	764	67	0	58	0	0	0	362	0	254	23	0	0
COL OF VIRGIN ISLANDS	764	67	0	58	0	0	0	362	0	254	23	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE D-21

PERSONAL CONSUMPTION OF UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971

(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	HEW	NSF	DOD	NASA	AEC	DOA	HUD	DOI	DOT	OTHER
UNITED STATES, TOTAL	1,500,133	70,703	89,002	8,887	241,773	10,599	17,127	999,717	21,277	129,931	210,883	7,977	21,029
ALABAMA, TOTAL	13,581	1,906	109	14	2,454	0	39	9,717	344	1,359	91	0	0
AUB OOO AND OOCX COL	152	34	25	0	0	0	0	0	0	93	0	0	0
AUBURN UNIV	3,770	1,009	17	0	401	0	0	927	177	314	0	0	0
TUSKEGEE INST	96	0	0	0	0	0	0	0	0	96	0	0	0
U OOOOOOT INST	371	109	39	0	0	0	19	127	0	93	0	0	0
U OF ALA IN BIRMINGHAM	8,029	0	0	0	794	0	0	6,792	0	0	91	0	0
U OF ALA IN HUNTSVILLE	1,020	0	0	0	109	0	0	0	0	641	0	0	0
U OF ALA IN TUSCALOOSA	970	0	29	0	90	0	21	141	143	191	0	0	0
UNIV OF MONTGOMERY	11	0	0	0	0	0	0	0	0	11	0	0	0
UNIV OF SOUTH ALA	109	0	0	0	101	0	0	9	0	0	0	0	0
ALASKA, TOTAL	7,500	810	172	429	2,500	0	157	931	103	370	2,297	0	0
UNIV OF ALASKA	7,500	810	172	429	2,500	0	157	931	103	370	2,297	0	0
ARIZONA, TOTAL	17,111	910	709	0	3,511	401	191	2,989	272	1,542	1,978	0	0
ARIZONA STATE UNIV	1,719	0	79	0	200	0	0	990	0	72	297	0	0
NAVAJO COMMUNITY COLLEGE	107	0	0	0	0	107	0	0	0	0	0	0	0
NORTHERN ARIZ UNIV	39	29	0	0	0	0	0	0	0	0	0	0	0
PRESCOTT COL	11	0	0	0	0	0	0	0	11	0	0	0	0
UNIV OF ARIZONA	17,149	909	711	0	3,109	0	191	7,791	259	1,470	1,721	0	0
ARKANSAS, TOTAL	3,972	1,909	191	99	0	0	99	1,093	122	77	209	0	0
AR AGRICULTURAL COL OF ARK	99	99	0	0	0	0	0	0	0	0	0	0	0
ARK AGRICULTURAL COL	0	0	0	0	0	0	0	0	0	0	0	0	0
HENDRIX COL	69	0	0	0	0	0	0	0	0	69	0	0	0
PHILANDER SMITH COL	0	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF ARK	3,709	1,909	191	99	0	0	99	1,093	122	99	209	0	0
CALIFORNIA, TOTAL	227,909	2,901	14,291	179	39,999	1,139	2,999	139,299	1,993	29,129	19,917	1,939	1,139
CAL INST OF TECH	17,179	0	2,391	0	1,999	0	193	7,191	699	9,193	9,179	0	0
CAL ST COL AT FULLERTON	113	0	0	0	0	0	0	99	0	99	99	0	0
CAL ST COL AT HAYWARD	0	0	0	0	0	0	0	0	0	0	0	0	0
CAL ST COL AT LONG BEACH	599	0	0	0	99	0	0	199	0	199	99	0	0
CAL ST COL AT LOS ANGELES	799	0	0	0	39	0	99	179	19	0	99	0	0
CAL ST POLY U PHARIA	91	0	0	0	19	0	0	0	0	0	29	0	0
CAL ST POLY U SAN LUIS OBISPO	0	0	0	0	0	0	0	0	0	0	0	0	0
CHAPMAN COLLEGE	97	0	0	0	0	0	0	0	0	0	79	0	0
CLAREMONT GRADUATE SCHOOL	37	0	0	0	0	0	0	0	0	0	19	0	29
COL OF NAPOLI	19	0	0	0	0	0	0	0	0	0	19	0	0
FRESNO STATE COL	921	29	0	0	0	0	0	0	899	0	21	0	0
HUMBOLDT STATE COL	179	19	0	0	0	0	0	19	0	0	139	0	0
JOHN F KENNEDY UNIVERSITY	799	0	0	0	0	0	0	799	0	0	0	0	0
LOMA LINDA UNIV	899	0	0	0	0	0	0	899	0	0	0	0	0
LOYOLA UNIV LOS ANGELES	161	0	0	0	0	0	0	161	0	0	0	0	0
MILLS COL	19	0	0	0	0	0	0	0	0	0	19	0	0
MONTEREY INST FOREIGN STU	29	0	0	0	0	0	0	0	0	0	29	0	0
OCCIDENTAL COL	99	0	0	0	0	0	0	0	0	0	99	0	0
PACIFIC SCH OF RELIGION	91	0	0	0	0	0	0	99	0	0	0	0	0
PEPPERDINE COL	99	0	0	0	0	0	0	99	0	0	0	0	0
POMONA COL	199	0	0	0	0	0	0	169	0	0	0	0	0
RICHMOND COLL CITY COL	19	0	0	0	0	0	0	0	19	0	0	0	0
SAINT MARYS COL	59	0	0	0	0	0	0	39	0	0	19	0	0
SAN DIEGO ST COL	21	0	0	0	0	0	0	21	0	0	0	0	0
SAN DIEGO STATE COL	1,099	0	39	0	699	0	0	91	0	0	91	0	0
SAN FRANCISCO ST COL	79	0	0	0	0	0	0	59	0	0	19	0	0
SAN FRANCISCO STATE COL	119	0	0	0	0	0	0	79	0	0	39	0	0
SAN JOSE STATE COL	199	0	0	0	199	0	0	91	0	99	19	0	0
STANFORD UNIV	91,799	0	799	99	9,919	0	219	19,799	99	9,979	7,999	179	999
STANFORD RES INST	19	0	0	0	19	0	0	0	0	0	0	0	0
U OF CALIFORNIA SYSTEM	999	0	0	0	0	0	0	999	0	0	0	0	0
UNIV OF CAL, BERKELEY	37,979	979	699	59	6,719	439	499	11,191	619	1,399	9,699	219	0

[illegible] [illegible]	17,721	914	789	0	3,714	431	191	2,587	671	1,942	1,979	0	2
[illegible] [illegible]	1,719	0	79	0	399	0	0	739	0	72	291	0	0
[illegible]	631	0	0	0	0	431	0	0	0	0	0	0	0
[illegible]	37	29	0	0	0	0	0	0	0	0	0	0	0
[illegible]	11	0	0	0	0	0	0	0	11	0	0	0	0
[illegible]	13,169	785	711	0	3,789	0	191	7,731	859	1,879	1,771	0	0
[illegible]	3,977	1,993	197	89	0	0	99	1,893	177	77	299	0	0
[illegible]	89	89	0	0	0	0	0	0	0	0	0	0	0
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]	89	0	0	0	0	0	0	0	0	69	0	0	0
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]	3,799	1,921	197	89	0	0	89	1,893	177	79	299	0	0
[illegible]	237,989	2,991	19,237	179	39,799	1,139	2,999	137,219	14,993	29,129	19,917	1,839	1,179
[illegible]	17,179	0	2,791	0	1,999	0	193	7,791	899	9,193	9,179	0	0
[illegible]	113	0	0	0	0	0	0	89	0	31	93	0	0
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]	799	0	0	0	93	0	0	199	0	19	93	0	0
[illegible]	249	0	0	0	31	0	21	179	19	0	79	0	0
[illegible]	91	0	0	0	17	0	0	0	0	0	23	0	0
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0
[illegible]	87	0	0	0	0	0	0	0	0	0	79	0	0
[illegible]	21	0	0	0	0	0	0	0	0	0	19	0	21
[illegible]	19	0	0	0	0	0	0	0	0	0	19	0	0
[illegible]	821	29	0	0	0	0	0	0	179	0	21	0	0
[illegible]	179	19	0	0	0	0	0	19	0	0	137	0	0
[illegible]	791	0	0	0	0	0	0	791	0	0	0	0	0
[illegible]	949	0	0	0	0	0	0	949	0	0	0	0	0
[illegible]	193	0	0	0	0	0	0	193	0	0	0	0	0
[illegible]	19	0	0	0	0	0	0	0	0	0	19	0	0
[illegible]	29	0	0	0	0	0	0	0	0	0	29	0	0
[illegible]	79	0	0	0	0	0	0	0	0	0	79	0	0
[illegible]	93	0	0	0	0	0	0	93	0	0	0	0	0
[illegible]	19	0	0	0	0	0	0	19	0	0	0	0	0
[illegible]	177	0	0	0	0	0	0	169	0	0	0	0	0
[illegible]	13	0	0	0	0	0	0	0	13	0	0	0	0
[illegible]	99	0	0	0	0	0	0	29	0	0	39	0	0
[illegible]	21	0	0	0	0	0	0	21	0	0	0	0	0
[illegible]	1,699	0	39	0	699	0	0	91	0	0	991	0	0
[illegible]	79	0	0	0	0	0	0	89	0	0	19	0	0
[illegible]	117	0	0	0	0	0	0	79	0	0	91	0	0
[illegible]	799	0	0	0	191	0	0	91	0	93	79	0	0
[illegible]	41,799	0	922	29	9,919	0	219	19,799	99	9,379	7,399	179	999
[illegible]	19	0	0	0	19	0	0	0	0	0	0	0	0
[illegible]	399	0	0	0	0	0	0	799	0	0	0	0	0
[illegible]	32,979	979	699	97	9,719	799	799	11,191	917	7,397	9,299	219	0
[illegible]	11,939	959	2,139	0	299	0	139	9,699	99	299	1,919	0	0
[illegible]	9,999	0	991	19	9,791	0	0	1,979	0	0	899	0	0
[illegible]	39,939	89	9,799	0	9,799	799	799	21,791	299	7,997	3,979	999	0
[illegible]	2,791	971	799	0	39	19	799	799	0	139	391	0	0
[illegible]	39,793	0	2,119	91	19,939	0	293	19,397	0	9,991	9,979	79	0
[illegible]	1,291	0	121	0	89	0	0	229	0	89	791	0	0
[illegible]	199	0	0	0	0	0	199	0	0	0	0	0	0
[illegible]	19,799	0	979	0	391	0	0	19,999	0	199	299	0	0
[illegible]	3,999	0	93	39	1,939	0	39	991	0	99	1,299	0	0
[illegible]	39	0	0	0	0	0	0	39	0	0	0	0	0
[illegible]	291	0	0	0	89	0	0	119	99	39	0	0	0
[illegible]	199	0	0	0	91	0	0	0	0	199	99	0	0
[illegible]	19,979	89	799	0	2,929	0	391	9,999	99	993	1,399	229	191
[illegible]	799	0	0	0	29	0	0	399	0	0	0	0	0
[illegible]	91	0	0	0	0	0	0	29	0	0	99	0	0

TABLE B-23
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	CPA	DOT	DEA	EPA	HEW	INT	NASA	NSF	OEO	OTHERS
COLORADO, TOTAL	31,917	1,260	920	940	4,750	709	929	12,791	1,375	2,771	8,299	95	817
COLORADO COL	41	0	0	0	0	0	0	41	0	0	0	0	0
COLORADO SCH OF MINES	788	0	0	268	110	0	0	0	215	170	40	0	0
COLORADO STATE UNIV	10,279	1,087	223	112	827	0	802	2,296	987	471	3,246	0	817
LORETTO HEIGHTS COL	9	0	0	0	0	0	0	9	0	0	0	0	0
REGIS COL	10	0	0	0	0	0	0	10	0	0	0	0	0
SOUTHERN COLORADO ST COL	0	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF COLORADO	10,447	39	720	510	1,501	709	27	9,209	122	1,806	2,230	95	0
UNIV OF DENVER	3,956	90	0	0	1,975	0	0	821	193	284	703	0	0
UNIV OF NORTHERN COLORADO	80	0	0	0	0	0	0	80	0	0	0	0	0
CONNECTICUT, TOTAL	29,736	430	2,922	19	2,719	0	39	17,450	201	959	4,922	0	199
CONNECTICUT COL	101	0	0	0	49	0	0	52	0	0	0	0	0
FAIRFIELD UNIV	47	0	0	0	0	0	0	0	0	10	37	0	0
NEW ENGLAND INST	71	0	41	0	30	0	0	0	0	0	0	0	0
QUINNIPIAC COL	19	0	0	0	0	0	0	19	0	0	0	0	0
ST JOSEPH COL	12	0	0	0	0	0	0	0	0	6	6	0	0
TRINITY COL	10	0	0	0	0	0	0	10	0	0	0	0	0
UNIV OF BRIDGEPORT	37	0	0	0	0	0	0	37	0	0	0	0	0
UNIV OF CONNECTICUT	9,225	421	119	0	604	0	39	2,639	132	209	700	0	0
UNIV OF HARTFORD	113	0	0	0	0	0	0	113	0	0	0	0	0
WESLEYAN UNIV	611	0	0	19	99	0	0	201	0	174	219	0	0
WESTERN CONN STATE COL	1	0	0	0	0	0	0	0	0	0	1	0	0
YALE UNIV	23,592	10	2,760	0	1,387	0	0	14,199	71	930	3,908	0	199
DELAWARE, TOTAL	1,981	982	19	0	977	0	17	197	201	91	217	0	0
DELAWARE STATE COL	27	27	0	0	0	0	0	0	0	0	0	0	0
UNIV OF DELAWARE	1,954	955	19	0	977	0	17	197	201	91	217	0	0
DIST. OF COLUMBIA, TOTAL	10,730	7	199	30	4,184	793	184	0,805	39	930	1,133	279	142
AMERICAN UNIVERSITY	2,526	0	0	0	1,369	0	0	761	0	67	119	190	0
CATHOLIC UNIV OF AMERICA	1,707	0	91	0	934	0	13	199	0	69	304	89	0
FEDERAL CITY COL	98	0	0	0	0	0	0	0	0	98	0	0	0
GALLAUDET COL	244	0	0	0	0	0	0	244	0	0	0	0	0
GEORGE WASHINGTON UNIV	0,709	0	21	30	1,509	993	136	5,498	39	961	239	0	142
GEORGETOWN UNIV	4,519	0	39	0	439	0	35	3,707	0	36	399	19	0
HOWARD UNIV	1,987	7	89	0	0	791	0	1,391	0	179	0	0	0
TRINITY COL	4	0	0	0	0	0	0	4	0	0	0	0	0
WASHINGTON TECHNICAL INST	30	0	0	0	0	0	0	0	0	0	0	30	0
FLORIDA, TOTAL	30,702	1,617	1,494	193	4,629	0	703	12,781	167	1,147	9,487	729	1,250
FLORIDA A&M & MECH UNIV	39	39	0	0	0	0	0	0	0	0	0	0	0
FLORIDA ATLANTIC UNIV	127	0	0	0	91	0	31	11	0	0	34	0	0
FLORIDA INST OF TECH	64	0	0	0	47	0	0	0	0	17	0	0	0
FLORIDA PRESBYTERIAN COL	36	0	0	0	0	0	0	0	0	0	36	0	0
FLORIDA STATE UNIV	9,530	0	1,092	34	830	0	98	997	0	155	1,350	31	1,113
FLORIDA TECHNOLOGICAL UNIV	102	0	0	0	81	0	0	21	0	21	0	0	0
MIAMI-DADE JR COL	21	0	0	0	0	0	0	0	0	0	21	0	0
NEW COL	9	0	0	0	0	0	0	9	0	0	0	0	0
NOVA UNIV	809	11	0	0	100	0	0	710	0	4	484	0	0
ST UNIV SYS OF FLA	27	0	0	0	0	0	0	0	0	0	27	0	0
UNIV OF FLORIDA	10,369	1,530	330	0	999	0	397	4,956	157	903	1,424	0	193
UNIV OF MIAMI	12,424	0	304	119	2,901	0	97	0,364	0	390	1,992	698	0
UNIV OF SOUTH FLORIDA	579	0	0	40	39	0	0	301	9	19	119	0	0
UNIV OF TAMPA	37	0	0	0	0	0	0	37	0	0	0	0	0
UNIV OF WEST FLORIDA	38	0	0	0	0	0	0	0	0	70	0	0	0
GEORGIA, TOTAL	19,617	2,128	901	306	3,969	0	701	0,735	434	717	1,919	993	200
CLARK COL	26	0	0	0	0	0	0	26	0	0	0	0	0
EMORY UNIV	5,179	0	52	0	82	0	0	4,967	0	149	137	0	0
FORT VALLEY STATE COL	25	25	0	0	0	0	0	0	0	0	0	0	0
GEORGIA INST OF TECH	5,797	0	205	0	3,109	0	65	537	249	530	419	993	0
GEORGIA SOUTHERN COL	27	0	0	0	0	0	0	27	0	0	0	0	0
GEORGIA STATE UNIVERSITY	46	0	0	0	39	0	0	7	0	0	0	0	0
MEDICAL COL OF GEORGIA	1,400	0	29	0	70	0	31	1,295	0	0	74	0	0
MOREHOUSE COL	29	0	0	0	0	0	0	29	0	0	0	0	0
SAVANNAH STATE COL	7	0	0	0	0	0	0	0	0	0	7	0	0
UNIV OF GEORGIA	6,984	2,103	526	306	293	0	104	1,941	185	45	1,222	0	259
WEST GEORGIA COL	3	0	0	0	0	0	0	0	0	0	3	0	0

YALE UNIV	23,192	19	2,766	0	1,187	0	0	14,195	71	930	3,998	0	199
DELAWARE, TOTAL	1,981	982	19	0	977	0	17	197	241	91	217	0	0
DELAWARE STATE COL	27	27	0	0	0	0	0	0	0	0	0	0	0
UNIV OF DELAWARE	1,954	955	19	0	977	0	17	197	241	91	217	0	0
DIST. OF COLUMBIA, TOTAL	16,730	7	199	30	4,184	793	184	8,868	35	939	1,133	279	142
AMERICAN UNIVERSITY	2,026	0	0	0	1,369	0	0	287	0	67	119	186	0
CATHOLIC UNIV OF AMERICA	1,702	0	91	0	804	0	13	395	0	69	384	28	0
FEDERAL CITY COL	98	0	0	0	0	0	0	0	0	98	0	0	0
GALLAUDET COL	244	0	0	0	0	0	0	244	0	0	0	0	0
GEORGE WASHINGTON UNIV	6,795	0	28	30	1,589	593	136	1,498	35	561	235	0	142
GEORGETOWN UNIV	4,818	0	39	0	408	0	35	3,882	0	36	399	19	0
HOWARD UNIV	1,807	7	89	0	0	200	0	1,391	0	170	0	0	0
TRINITY COL	4	0	0	0	0	0	0	4	0	0	0	0	0
WASHINGTON TECHNICAL INST	36	0	0	0	0	0	0	0	0	0	0	36	0
FLORIDA, TOTAL	30,202	1,617	1,694	193	4,629	0	503	12,781	182	1,147	5,487	729	1,240
FLORIDA AGR & MECH UNIV	35	28	0	0	0	0	0	7	0	0	0	0	0
FLORIDA ATLANTIC UNIV	127	0	0	0	51	0	31	11	0	0	34	0	0
FLORIDA INST OF TECH	64	0	0	0	47	0	0	0	0	17	0	0	0
FLORIDA PRESBYTERIAN COL	36	0	0	0	0	0	0	0	0	0	36	0	0
FLORIDA STATE UNIV	9,530	0	1,092	34	838	0	98	957	0	100	1,350	31	1,110
FLORIDA TECHNOLOGICL UNIV	102	0	0	0	60	0	0	21	0	21	0	0	0
MIAMI-DADE JR COL	21	0	0	0	0	0	0	0	0	0	21	0	0
NEW COL	5	0	0	0	0	0	0	5	0	0	0	0	0
NOVA UNIV	809	11	0	0	100	0	0	210	0	4	484	0	0
ST UNIV SYS OF FLA	27	0	0	0	0	0	0	0	0	0	27	0	0
UNIV OF FLORIDA	10,368	1,578	336	0	998	0	357	4,806	157	562	1,424	0	150
UNIV OF MIAMI	12,424	0	306	119	2,500	0	57	6,364	0	396	1,992	698	0
UNIV OF SOUTH FLORIDA	579	0	0	40	39	0	0	301	9	19	119	0	0
UNIV OF TAMPA	37	0	0	0	0	0	0	37	0	0	0	0	0
UNIV OF WEST FLORIDA	38	0	0	0	0	0	0	0	0	38	0	0	0
GEORGIA, TOTAL	19,617	2,128	900	306	3,949	0	200	8,775	434	717	1,819	593	280
CLARK COL	26	0	0	0	0	0	0	26	0	0	0	0	0
EMORY UNIV	5,378	0	52	0	82	0	0	4,960	0	147	137	0	0
FORT VALLEY STATE COL	25	25	0	0	0	0	0	0	0	0	0	0	0
GEORGIA INST OF TECH	5,792	0	295	0	3,105	0	65	537	249	530	418	593	0
GEORGIA SOUTHERN COL	27	0	0	0	0	0	0	27	0	0	0	0	0
GEORGIA STATE UNIVERSITY	46	0	0	0	39	0	0	7	0	0	0	0	0
MEDICAL COL OF GEORGIA	1,400	0	29	0	70	0	31	1,250	0	0	24	0	0
MOREHOUSE COL	29	0	0	0	0	0	0	29	0	0	0	0	0
SAVANNAH STATE COL	7	0	0	0	0	0	0	0	0	0	7	0	0
UNIV OF GEORGIA	6,884	2,103	528	306	253	0	104	1,943	185	40	1,222	0	200
WEST GEORGIA COL	7	0	0	0	0	0	0	0	0	0	7	0	0
HAWAII, TOTAL	11,021	734	692	46	1,978	340	331	2,587	95	1,024	3,194	0	0
UNIV OF HAWAII	11,021	734	692	46	1,978	340	331	2,587	95	1,024	3,194	0	0
IDAHO, TOTAL	1,522	851	10	0	113	0	40	35	387	20	146	0	0
COL OF IDAHO	3	0	0	0	0	0	0	3	0	0	0	0	0
IDAHO STATE UNIV	92	0	10	0	0	0	0	32	0	0	50	0	0
NORTHWEST NAZARENE COL	21	0	0	0	0	0	0	0	0	0	21	0	0
UNIV OF IDAHO	1,406	851	0	0	113	0	40	0	387	20	75	0	0

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHERa
ILLINOIS, TOTAL	81,154	2,167	8,778	319	18,838	0	495	29,693	344	5,821	14,273	62	394
BRADLEY UNIV	17	0	0	0	0	0	0	0	0	0	17	0	0
CHI COL OSTEOPATHIC MED	12	0	0	0	0	0	0	12	0	0	0	0	0
CHICAGO MEDICAL SCHOOL	378	0	0	0	19	0	0	359	0	0	0	0	0
DEPAUL UNIV	257	0	0	0	0	0	0	196	0	0	61	0	0
ILLINOIS BENEDICTINE COL	87	0	87	0	0	0	0	0	0	0	0	0	0
ILLINOIS INST OF TECH	4,264	0	146	0	719	0	0	2,811	0	112	483	0	0
ILLINOIS ST UNIV	107	0	30	0	0	0	0	77	0	0	0	0	0
LAKE FOREST COL	67	0	0	0	0	0	0	24	0	0	43	0	0
LOYOLA UNIV	997	0	40	0	41	0	0	828	0	0	48	0	0
MONMOUTH COL	60	0	0	0	0	0	0	60	0	0	0	0	0
MUNDELEIN COL	63	0	0	0	0	0	0	63	0	0	0	0	0
NORTHERN ILLINOIS UNIV	304	0	0	0	58	0	0	44	0	0	202	0	0
NORTHWESTERN UNIV	11,052	4	170	0	1,662	0	118	5,489	20	1,396	2,166	27	0
REND LAKE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
SOUTHERN ILL U-CARBONDALE	576	39	0	0	0	0	0	281	6	0	250	0	0
SOUTHN ILL U-EDWARDSVILLE	106	0	0	0	0	0	0	106	0	0	0	0	0
UNIV OF CHICAGO	26,479	0	4,590	319	1,458	0	89	10,699	0	3,523	5,610	0	31
UNIV OF ILLINOIS-CHRO CIR	1,304	0	29	0	521	0	48	183	20	35	468	0	0
UNIV OF ILLINOIS-MED CTR	3,645	0	0	0	12	0	0	3,492	0	0	141	0	0
UNIV OF ILLINOIS-URBANA	31,331	2,124	3,686	0	14,159	0	224	4,973	268	755	4,744	35	363
WESTERN ILLINOIS UNIV	47	0	0	0	0	0	16	31	0	0	0	0	0
INDIANA, TOTAL	28,400	2,015	3,163	0	2,482	0	264	9,943	222	2,916	5,967	287	1,141
BALL STATE UNIV	40	0	0	0	0	0	0	34	0	0	6	0	0
IND UNIV CEN SYS	15	0	0	0	0	0	15	0	0	0	0	0	0
INDIANA STATE UNIV	68	0	0	0	0	0	0	43	0	0	25	0	0
INDIANA UNIV-BLOOMINGTON	6,345	0	713	0	259	0	56	3,076	34	141	2,118	289	239
INDIANA UNIV-INDIANAPOLIS	3,454	0	0	0	0	0	0	3,320	0	0	134	0	0
PURDUE UNIV	14,728	2,015	1,560	0	1,963	0	151	2,640	188	2,745	2,638	78	750
ROSE-HULMAN INST OF TECH	5	0	0	0	0	0	0	1	0	0	4	0	0
UNIV OF NOTRE DAME	3,715	0	1,390	0	260	0	42	799	0	30	1,042	0	152
WABASH COL	30	0	0	0	0	0	0	30	0	0	0	0	0
IOWA, TOTAL	15,810	1,999	78	0	1,631	0	294	8,274	340	2,027	1,167	0	0
COL OF OSTEOPATH MED SURG	31	0	0	0	0	0	0	31	0	0	0	0	0
CORNELL COL	6	0	0	0	0	0	0	6	0	0	0	0	0
DES MOINES AREA CC-ANKENY	9	0	0	0	0	0	0	9	0	0	0	0	0
GRACELAND COL	5	0	0	0	0	0	0	5	0	0	0	0	0
GRINNELL COL	20	0	0	0	0	0	0	0	0	0	20	0	0
IOWA ST U OF SCIENCE&TECH	4,676	1,999	22	0	583	0	40	1,760	247	45	440	0	0
SOUTHEASTERN IOWA COM COL	252	0	0	0	0	0	0	252	0	0	0	0	0
UNIV OF IOWA	10,798	0	56	0	1,048	0	254	6,703	93	1,977	767	0	0
UNIV OF NORTHERN IOWA	8	0	0	0	0	0	0	8	0	0	0	0	0
WARTBURG COL	5	0	0	0	0	0	0	0	0	5	0	0	0
KANSAS, TOTAL	10,909	1,242	512	0	415	0	77	5,864	289	764	1,625	0	121
BETHANY COL	3	0	0	0	0	0	0	3	0	0	0	0	0
JOHNSON CO COMMUNITY COLL	7	0	0	0	0	0	0	7	0	0	0	0	0
KANSAS STATE TCHRS COL	52	0	0	0	0	0	0	52	0	0	0	0	0
KANSAS STATE UNIV	2,802	1,242	171	0	133	0	77	493	151	21	394	0	121
SOUTHWESTERN COL	5	0	0	0	0	0	0	0	0	0	5	0	0
UNIV OF KANSAS	7,847	0	321	0	192	0	0	5,285	138	685	1,226	0	0
WASHBURN UNIV OF TOPEKA	3	0	0	0	0	0	0	3	0	0	0	0	0
WICHITA STATE UNIV	190	0	20	0	90	0	0	22	0	58	0	0	0
KENTUCKY, TOTAL	9,060	2,786	68	104	942	240	63	3,137	366	278	549	0	927
BELLARMINE-URSULINE COL	32	0	0	0	32	0	0	0	0	0	0	0	0
KENTUCKY STATE COL	19	19	0	0	0	0	0	0	0	0	0	0	0
MOREHEAD STATE UNIV	281	0	7	0	0	240	0	34	0	0	0	0	0
UNIV OF KENTUCKY	7,243	2,767	61	104	697	0	47	2,051	366	248	375	0	527
UNIV OF LOUISVILLE	1,381	0	0	0	213	0	16	996	0	30	126	0	0
WESTERN KENTUCKY UNIV	104	0	0	0	0	0	0	56	0	0	48	0	0
LOUISIANA, TOTAL	13,513	1,567	327	111	1,218	344	285	7,557	95	565	1,439	0	5
DELGADO VOC TECH JR COLL	150	0	0	0	0	0	0	150	0	0	0	0	0
GRAMBLING COL	81	0	0	0	0	0	0	0	0	40	41	0	0

UNIV OF ILLINOIS-MED CTR	3,645	0	0	0	12	0	0	3,492	0	0	141	0	0
UNIV OF ILLINOIS-URBANA	31,331	2,124	3,486	0	14,159	0	224	4,973	268	755	4,744	35	363
WESTERN ILLINOIS UNIV	47	0	0	0	0	0	16	31	0	0	0	0	0
INDIANA, TOTAL	28,400	2,015	3,163	0	2,482	0	264	9,943	222	2,916	5,967	287	1,141
BALL STATE UNIV	40	0	0	0	0	0	0	34	0	0	6	0	0
IND UNIV CEN SYS	15	0	0	0	0	0	15	0	0	0	0	0	0
INDIANA STATE UNIV	68	0	0	0	0	0	0	43	0	0	25	0	0
INDIANA UNIV-BLOOMINGTON	6,345	0	213	0	259	0	56	3,076	34	141	2,118	209	239
INDIANA UNIV-INDIANAPOLIS	3,454	0	0	0	0	0	0	3,320	0	0	134	0	0
PURDUE UNIV	14,728	2,015	1,560	0	1,963	0	151	2,640	188	2,745	2,638	78	750
RCSE-HULMAN INST OF TECH	5	0	0	0	0	0	0	1	0	0	4	0	0
UNIV OF NOTRE DAME	3,715	0	1,390	0	260	0	42	799	0	30	1,042	0	152
WABASH COL	30	0	0	0	0	0	0	30	0	0	0	0	0
IOWA, TOTAL	15,810	1,999	78	0	1,631	0	294	8,274	340	2,027	1,167	0	0
COL OF OSTEOPATH MED SURG	31	0	0	0	0	0	0	31	0	0	0	0	0
CORNELL COL	6	0	0	0	0	0	0	6	0	0	0	0	0
DES MOINES AREA CC-ANKENY	9	0	0	0	0	0	0	9	0	0	0	0	0
GRACELAND COL	5	0	0	0	0	0	0	5	0	0	0	0	0
GRINNELL COL	20	0	0	0	0	0	0	0	0	0	20	0	0
IOWA ST U OF SCIENCE&TECH	4,676	1,999	22	0	583	0	40	1,260	287	45	440	0	0
SOUTHEASTERN IOWA COM COL	252	0	0	0	0	0	0	252	0	0	0	0	0
UNIV OF IOWA	10,798	0	56	0	1,048	0	254	6,703	53	1,977	707	0	0
UNIV OF NORTHERN IOWA	8	0	0	0	0	0	0	8	0	0	0	0	0
WARTBURG COL	5	0	0	0	0	0	0	0	0	5	0	0	0
KANSAS, TOTAL	10,909	1,242	912	0	415	0	77	5,864	289	764	1,025	0	121
BETHANY COL	3	0	0	0	0	0	0	3	0	0	0	0	0
JOHNSON CO COMMUNITY COLL	7	0	0	0	0	0	0	7	0	0	0	0	0
KANSAS STATE TCHRS COL	52	0	0	0	0	0	0	52	0	0	0	0	0
KANSAS STATE UNIV	2,802	1,242	171	0	133	0	77	492	151	21	394	0	121
SOUTHWESTERN COL	5	0	0	0	0	0	0	0	0	0	5	0	0
UNIV OF KANSAS	7,847	0	321	0	192	0	0	5,285	138	689	1,226	0	0
WASHBURN UNIV OF TOPEKA	3	0	0	0	0	0	0	3	0	0	0	0	0
WICHITA STATE UNIV	190	0	20	0	90	0	0	22	0	58	0	0	0
KENTUCKY, TOTAL	9,060	2,786	68	104	942	240	63	3,137	366	278	949	0	527
BELLARMINE-URSULINE COL	32	0	0	0	32	0	0	0	0	0	0	0	0
KENTUCKY STATE COL	19	19	0	0	0	0	0	0	0	0	0	0	0
MOREHEAD STATE UNIV	281	0	7	0	0	240	0	34	0	0	0	0	0
UNIV OF KENTUCKY	7,243	2,767	61	104	697	0	47	2,051	366	248	375	0	527
UNIV OF LOUISVILLE	1,381	0	0	0	213	0	16	996	0	30	126	0	0
WESTERN KENTUCKY UNIV	104	0	0	0	0	0	0	56	0	0	48	0	0
LOUISIANA, TOTAL	13,513	1,567	327	111	1,218	344	285	7,557	95	545	1,439	0	9
DELGADO VOC TECH JR COLL	150	0	0	0	0	0	0	150	0	0	0	0	0
GRAMBLING COL	81	0	0	0	0	0	0	0	0	45	36	0	0
LA ST U MED CT N ORLEANS	1,431	0	0	0	207	0	0	1,196	0	0	28	0	0
LA ST UNIV BATON ROUGE	4,325	1,494	185	0	793	0	260	327	95	321	850	0	0
LA ST UNIV NEW ORLEANS	326	0	0	0	68	0	0	68	0	48	137	0	9
LOUISIANA TECH UNIVERSITY	71	40	0	0	0	0	0	31	0	0	0	0	0
NORTHWESTERN ST UNIV-LA	9	0	0	0	0	0	0	0	0	0	9	0	0
SOUTHERN UNIV	242	33	73	111	0	0	0	0	0	25	0	0	0
TULANE UNIV	6,863	0	69	0	135	344	25	5,785	0	126	379	0	0
UNIV OF SOUTHWESTERN LA	15	0	0	0	15	0	0	0	0	0	0	0	0

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MAINE, TOTAL	1,351	819	0	100	14	0	23	69	72	42	221	0	0
BOWDOIN COL	30	0	0	0	6	0	0	16	0	0	10	0	0
UNIV OF MAINE ORONO	1,101	819	0	0	10	0	23	44	72	42	91	0	0
UNIV OF MAINE PORTLAND	220	0	0	100	0	0	0	0	0	0	120	0	0
MARYLAND, TOTAL	45,062	1,000	3,333	32	4,555	125	61	25,947	214	4,439	4,794	460	102
BOWIE STATE COL	56	0	0	0	0	0	0	0	0	56	0	0	0
CATONSVILLE COMM COL	10	0	0	0	0	0	0	0	0	0	10	0	0
CHESAPEAKE COLLEGE	13	0	0	0	13	0	0	0	0	0	0	0	0
COLUMBIA UNION COL	22	0	0	0	0	0	0	0	0	10	12	0	0
JOHNS HOPKINS UNIV	26,955	0	1,027	22	2,243	0	61	20,545	63	2,182	2,265	445	102
UNIV OF MD BALTIMORE	5,447	0	0	0	722	0	0	4,555	0	170	0	0	0
UNIV OF MD BALTIMORE CTY	86	0	0	0	0	0	0	30	0	0	56	0	0
UNIV OF MD COLLEGE PARK	10,389	986	2,306	10	1,577	125	0	747	151	2,021	2,451	15	0
UNIV OF MD EASTERN SHORE	14	14	0	0	0	0	0	0	0	0	0	0	0
WESTERN MARYLAND COL	70	0	0	0	0	0	0	70	0	0	0	0	0
MASSACHUSETTS, TOTAL	158,823	942	10,059	346	42,988	1,241	1,306	45,252	1,251	33,738	19,698	1,334	1,368
AMHERST COL	487	0	0	0	0	0	32	194	0	0	181	0	0
BOSTON COL	2,350	0	61	0	1,105	373	0	563	0	38	213	0	0
BOSTON UNIV	6,471	0	26	0	277	0	0	5,548	0	196	336	88	0
BRANDEIS UNIV	3,265	0	328	0	89	0	0	1,694	0	25	871	0	258
CLARK UNIV	524	0	29	0	0	0	0	241	46	7	188	0	0
COL OF THE HOLY CROSS	26	0	0	0	0	0	0	26	0	0	0	0	0
EMMANUEL COL	475	0	0	0	475	0	0	0	0	0	0	0	0
FITCHBURG STATE COLLEGE	3	0	0	0	0	0	0	3	0	0	0	0	0
HAMPSHIRE COLLEGE	123	0	0	0	0	123	0	0	0	0	0	0	0
HARVARD UNIV	37,109	0	1,703	102	3,318	745	250	21,456	36	9,044	3,677	100	678
LOWELL TECHNOLOGICAL INST	690	0	0	0	356	0	200	0	0	11	123	0	0
MASS COL OF OPTOMETRY	9	0	0	0	0	0	0	9	0	0	0	0	0
MASS INST OF TECH	81,531	30	6,937	194	26,970	0	296	9,357	867	27,966	8,013	1,123	229
MT HOLYOKE COL	74	0	0	0	0	0	0	74	0	0	0	0	0
NORTHEASTERN UNIV	2,276	0	69	0	823	0	0	369	0	113	785	0	129
RADCLIFFE COLLEGE	26	0	0	0	0	0	0	0	0	0	26	0	0
REGIS COL	152	0	0	0	152	0	0	0	0	0	0	0	0
SMITH COL	96	0	0	0	0	0	0	58	0	0	38	0	0
SOUTHEASTERN MASS UNIV	50	0	50	0	0	0	0	0	0	0	0	0	0
TUFTS UNIV	4,608	0	395	0	247	0	13	3,569	0	50	324	0	50
U MASS MED SCH-WORCESTER	1,205	0	0	0	0	0	0	1,205	0	0	0	0	0
UNIV OF MASS AMHERST	4,307	912	298	0	508	0	282	603	222	272	1,320	0	0
UNIV OF MASS BOSTON	91	0	0	0	0	0	0	19	0	0	64	0	0
WELLESLEY COL	135	0	0	0	0	0	0	93	0	0	42	0	0
WENTWORTH INST	987	0	0	0	987	0	0	0	0	0	0	0	0
WILLIAMS COL	119	0	0	0	16	0	0	42	0	0	33	0	28
WOODS HOLE OCEAN INST	11,247	0	632	50	6,878	0	84	83	70	44	3,383	23	0
WORCESTER POLYTECH INST	467	0	22	0	70	0	149	53	50	42	81	0	0
MICHIGAN, TOTAL	57,543	1,888	4,518	72	9,906	931	707	22,388	276	4,601	10,887	749	1,320
ADRIAN COL	11	0	0	0	0	0	0	0	0	0	11	0	0
ALBION COL	10	0	0	0	0	0	0	10	0	0	0	0	0
ANDREWS UNIV	53	0	0	0	0	0	0	53	0	0	0	0	0
CALVIN COL	24	0	0	0	24	0	0	0	0	0	0	0	0
EASTERN MICHIGAN UNIV	49	0	0	0	0	0	0	0	0	21	28	0	0
HOPE COL	65	0	0	0	0	0	18	0	0	0	47	0	0
MERCY COL OF DETROIT	10	0	0	0	0	0	0	10	0	0	0	0	0
MICH COL OSTEOPATHIC MED	29	0	0	0	29	0	0	0	0	0	0	0	0
MICH TECHNOLOGICAL UNIV	274	40	92	0	42	0	0	0	16	0	75	0	0
MICHIGAN STATE UNIV	10,957	1,748	1,742	0	256	306	314	3,354	138	69	2,058	211	761
NORTHERN MICHIGAN UNIV	5	0	0	0	0	0	0	5	0	0	0	0	0
OAKLAND UNIV	446	0	30	0	0	0	0	326	0	0	90	0	0
SIENA HEIGHTS COL	304	0	0	0	0	0	0	304	0	0	0	0	0
UNIV OF DETROIT	177	0	0	0	42	0	0	74	0	0	61	0	0
UNIV OF MICHIGAN	40,819	91	2,565	72	8,920	448	360	15,530	122	4,466	8,063	334	448
WAYNE STATE UNIV	4,083	0	89	0	403	177	15	2,586	0	45	453	204	111
WESTERN MICH UNIV	227	0	0	0	90	0	0	136	0	0	1	0	0

BOSTON UNIV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BRANDEIS UNIV	3,265	0	328	0	89	0	0	1,694	0	25	871	0	258
CLARK UNIV	524	0	22	0	0	0	0	241	66	7	188	0	0
COL OF THE HOLY CROSS	26	0	0	0	0	0	0	26	0	0	0	0	0
EMMANUEL COL	475	0	0	0	475	0	0	0	0	0	0	0	0
FITCHBURG STATE COLLEGE	3	0	0	0	0	0	0	3	0	0	0	0	0
HAMPSHIRE COLLEGE	123	0	0	0	0	123	0	0	0	0	0	0	0
HARVARD UNIV	37,109	0	1,703	102	3,318	745	250	21,456	36	5,044	3,677	100	678
LOWELL TECHNOLOGICAL INST	690	0	0	0	356	0	200	0	0	11	123	0	0
MASS COL OF OPTOMETRY	9	0	0	0	0	0	0	9	0	0	0	0	0
MASS INST OF TECH	81,531	30	6,537	194	26,979	0	296	9,357	887	27,966	8,013	1,123	229
MT HOLYOKE COL	74	0	0	0	0	0	0	74	0	0	0	0	0
NORTHEASTERN UNIV	2,276	0	65	0	823	0	0	365	0	113	785	0	125
RADCLIFFE COLLEGE	26	0	0	0	0	0	0	0	0	0	26	0	0
REGIS COL	152	0	0	0	152	0	0	0	0	0	0	0	0
SMITH COL	96	0	0	0	0	0	0	58	0	0	38	0	0
SOUTHEASTERN MASS UNIV	50	0	50	0	0	0	0	0	0	0	0	0	0
TUFTS UNIV	4,608	0	355	0	247	0	13	3,569	0	50	324	0	50
U MASS MED SCH-WORCESTER	1,205	0	0	0	0	0	0	1,205	0	0	0	0	0
UNIV OF MASS AMHERST	4,307	912	258	0	508	0	282	603	222	212	1,320	0	0
UNIV OF MASS BOSTON	91	0	0	0	8	0	0	19	0	0	64	0	0
WELLESLEY COL	135	0	0	0	0	0	0	93	0	0	42	0	0
WENTWORTH INST	987	0	0	0	987	0	0	0	0	0	0	0	0
WILLIAMS COL	119	0	0	0	16	0	0	42	0	0	33	0	28
WOODS HOLE OCEAN INST	11,247	0	632	50	6,478	0	84	83	70	44	3,383	23	0
WORCESTER POLYTECH INST	467	0	22	0	70	0	149	53	50	42	81	0	0
MICHIGAN, TOTAL	57,543	1,888	4,518	72	9,706	931	707	22,388	276	4,601	10,887	749	1,320
ADRIAN COL	11	0	0	0	0	0	0	0	0	0	11	0	0
ALBION COL	10	0	0	0	0	0	0	10	0	0	0	0	0
ANDREWS UNIV	53	0	0	0	0	0	0	53	0	0	0	0	0
CALVIN COL	24	0	0	0	24	0	0	0	0	0	0	0	0
EASTERN MICHIGAN UNIV	49	0	0	0	0	0	0	0	0	21	28	0	0
HOPE COL	65	0	0	0	0	0	18	0	0	0	47	0	0
MERCY COL OF DETROIT	10	0	0	0	0	0	0	10	0	0	0	0	0
MICH COL OSTEOPATHIC MED	29	0	0	0	29	0	0	0	0	0	0	0	0
MICH TECHNOLOGICAL UNIV	274	49	92	0	42	0	0	0	16	0	75	0	0
MICHIGAN STATE UNIV	10,957	1,748	1,742	0	256	306	314	3,354	138	69	2,058	211	761
NORTHERN MICHIGAN UNIV	5	0	0	0	0	0	0	5	0	0	0	0	0
OAKLAND UNIV	446	0	30	0	0	0	0	326	0	0	90	0	0
SIENA HEIGHTS COL	304	0	0	0	0	0	0	304	0	0	0	0	0
UNIV OF DETROIT	177	0	0	0	42	0	0	74	0	0	61	0	0
UNIV OF MICHIGAN	40,819	91	2,565	72	8,320	448	360	15,530	122	4,466	8,063	334	448
WAYNE STATE UNIV	4,083	0	89	0	403	177	15	2,586	0	45	453	204	111
WESTERN MICH UNIV	227	0	0	0	90	0	0	136	0	0	1	0	0
MINNESOTA, TOTAL	26,948	1,902	1,784	0	1,715	210	836	14,606	429	2,882	2,149	11	424
BEMIDJI STATE COL	16	0	0	0	0	0	11	0	5	0	0	0	0
CARLETON COL	18	0	0	0	0	0	0	0	0	0	18	0	0
MACALESTER COL	157	0	0	0	0	0	0	82	0	0	75	0	0
MOORHEAD STATE COL	12	0	0	0	0	0	0	0	0	0	12	0	0
ST CLOUD STATE COL	8	0	0	0	0	0	0	8	0	0	0	0	0
ST OLAF COL	30	0	0	0	0	0	0	0	0	0	30	0	0
UNIV OF MINNESOTA	26,707	1,902	1,784	0	1,715	210	825	14,516	424	2,882	2,014	11	424
MISSISSIPPI, TOTAL	5,915	2,284	16	72	417	82	146	2,485	78	197	138	0	0
ALCORN AGR & MECH COL	22	22	0	0	0	0	0	0	0	0	0	0	0
JACKSON STATE COL	41	0	0	0	0	0	0	41	0	0	0	0	0
MARY HOLMES COLLEGE	82	0	0	0	0	82	0	0	0	0	0	0	0

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MISSISSIPPI													
MISSISSIPPI COL	13	0	0	0	0	0	0	13	0	0	0	0	0
MISSISSIPPI STATE UNIV	2,971	2,762	0	0	164	0	146	56	78	160	105	0	0
UNIV OF MISSISSIPPI	2,764	0	16	72	253	0	0	2,375	0	15	33	0	0
UNIV OF SOUTHERN MISS	22	0	0	0	0	0	0	0	0	22	0	0	0
MISSOURI, TOTAL	31,593	1,865	302	6	2,828	0	186	21,589	369	1,094	3,036	25	293
CENTRAL MO STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
KANSAS CITY COL OF OSTEOP	6	0	0	0	0	0	0	6	0	0	0	0	0
KIRKSVILLE COL OF OSTEOP	52	0	0	0	0	0	0	52	0	0	0	0	0
LINCOLN UNIV	28	18	0	0	0	0	0	0	0	0	10	0	0
MISSOURI SOUTHERN COL	5	0	0	0	0	0	0	5	0	0	0	0	0
NORTHEAST MO ST COL	14	0	0	0	0	0	0	14	0	0	0	0	0
NORTHWEST MO STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
ST LOUIS UNIV	4,504	0	0	0	92	0	0	4,128	0	0	284	0	0
UNIV OF MISSOURI COLUMBIA	7,343	1,847	16	6	915	0	122	3,388	159	192	686	10	0
UNIV OF MISSOURI KAN CITY	298	0	0	0	0	0	21	218	33	26	0	0	0
UNIV OF MISSOURI ROLLA	878	0	7	0	246	0	0	0	177	0	433	15	0
UNIV OF MISSOURI ST LOUIS	223	0	0	0	36	0	43	67	0	0	77	0	0
WASHINGTON UNIV	16,224	0	279	0	1,539	0	0	13,693	0	876	1,544	0	293
MONTANA, TOTAL	2,527	902	48	3	156	0	169	346	378	15	510	0	0
DAWSON COL	8	0	0	0	0	0	0	8	0	0	0	0	0
MONTANA STATE UNIV	2,056	892	48	3	156	0	113	87	346	0	411	0	0
UNIV OF MONTANA	463	10	0	0	0	0	56	251	32	15	99	0	0
NEBRASKA, TOTAL	5,295	1,246	50	20	92	0	23	3,216	150	0	255	0	243
CREIGHTON UNIV	251	0	0	0	0	0	0	251	0	0	0	0	0
HASTINGS COL	22	0	0	0	0	0	0	22	0	0	0	0	0
KEARNEY STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	1,225	0	0	0	0	0	23	1,202	0	0	0	0	0
UNIV OF NEBRASKA CEN SYS	243	0	0	0	0	0	0	0	0	0	0	0	243
UNIV OF NEBRASKA-LINCOLN	3,530	1,246	50	20	77	0	0	1,732	150	0	255	0	0
UNIV OF NEBRASKA-OMAHA	15	0	0	0	15	0	0	0	0	0	0	0	0
NEVADA, TOTAL	2,676	516	220	26	311	0	46	139	961	6	451	0	0
DESERT RESEARCH INSTITUTE	723	0	0	26	0	0	46	0	259	0	392	0	0
UNIV OF NEV RENO CAMPUS	1,904	516	177	0	311	0	0	139	702	0	59	0	0
UNIV OF NEVADA LAS VEGAS	49	0	43	0	0	0	0	0	0	6	0	0	0
NEW HAMPSHIRE, TOTAL	6,683	734	41	258	498	0	64	2,976	108	1,182	822	0	0
DARTMOUTH COL	4,018	0	31	0	426	0	22	2,637	33	147	722	0	0
ST ANSELMS COL	31	0	0	0	0	0	0	31	0	0	0	0	0
ST ANTHONY SEMINARY	28	0	0	0	28	0	0	0	0	0	0	0	0
UNIV OF N H DURHAM	2,606	734	10	258	44	0	42	308	75	1,035	100	0	0
NEW JERSEY, TOTAL	23,974	914	2,664	203	2,900	0	268	8,089	164	3,615	5,050	107	0
JERSEY CITY STATE COL	68	0	0	0	34	0	0	34	0	0	0	0	0
MONMOUTH COL	35	0	0	0	20	0	0	0	0	0	15	0	0
MONTCLAIR STATE COL	55	0	0	0	0	0	0	55	0	0	0	0	0
N J COL OF MED&DENTISTRY	976	0	0	0	0	0	0	971	0	0	5	0	0
NEWARK COL OF ENGINEERING	148	0	0	0	30	0	0	0	0	52	66	0	0
PRINCETON UNIV	13,284	0	2,448	0	1,968	0	44	2,668	0	3,424	2,625	107	0
RUTGERS UNIVERSITY	8,143	914	81	0	267	0	179	4,300	164	110	2,128	0	0
SETON HALL UNIV	12	0	0	0	12	0	0	0	0	0	0	0	0
ST PETERS COL	569	0	0	0	569	0	0	0	0	0	0	0	0
STEVENS INST OF TECH	675	0	135	203	0	0	45	52	0	29	211	0	0
TRENTON STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
NEW MEXICO, TOTAL	12,425	807	7	20	6,501	179	44	1,675	497	1,523	1,008	164	0
COL OF SANTA FE	35	0	0	0	0	0	0	35	0	0	0	0	0

MONTANA STATE UNIV	2,396	892	48	8	156	0	113	87	346	0	691	0	0
UNIV OF MONTANA	463	10	0	0	0	0	56	251	82	15	99	0	0
NEBRASKA, TOTAL	5,295	1,246	50	20	92	0	23	3,216	150	0	255	0	243
CREIGHTON UNIV	251	0	0	0	0	0	0	251	0	0	0	0	0
HASTINGS COL	22	0	0	0	0	0	0	22	0	0	0	0	0
KEARNEY STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	1,225	0	0	0	0	0	23	1,202	0	0	0	0	0
UNIV OF NEBRASKA CEN SYS	243	0	0	0	0	0	0	0	0	0	0	0	243
UNIV OF NEBRASKA-LINCOLN	3,530	1,246	50	20	77	0	0	1,732	150	0	255	0	0
UNIV OF NEBRASKA-OMAHA	15	0	0	0	15	0	0	0	0	0	0	0	0
NEVADA, TOTAL	2,676	516	220	26	311	0	46	139	961	6	451	0	0
DESERT RESEARCH INSTITUTE	723	0	0	26	0	0	46	0	259	0	392	0	0
UNIV OF NEV RENO CAMPUS	1,904	516	177	0	311	0	0	139	702	0	59	0	0
UNIV OF NEVADA LAS VEGAS	49	0	43	0	0	0	0	0	0	6	0	0	0
NEW HAMPSHIRE, TOTAL	6,683	734	41	258	498	0	64	2,976	108	1,152	822	0	0
DARTMOUTH COL	4,018	0	31	0	424	0	22	2,637	33	147	722	0	0
ST ANSELMS COL	31	0	0	0	0	0	0	31	0	0	0	0	0
ST ANTHONY SEMINARY	28	0	0	0	28	0	0	0	0	0	0	0	0
UNIV OF N H DURHAM	2,606	734	10	258	44	0	42	308	75	1,035	100	0	0
NEW JERSEY, TOTAL	23,974	914	2,664	203	2,900	0	268	8,089	164	3,615	5,050	107	0
JERSEY CITY STATE COL	68	0	0	0	34	0	0	34	0	0	0	0	0
MONMOUTH COL	35	0	0	0	20	0	0	0	0	0	15	0	0
MONTCLAIR STATE COL	55	0	0	0	0	0	0	55	0	0	0	0	0
N J COL OF MED&DENTISTRY	976	0	0	0	0	0	0	971	0	0	5	0	0
NEWARK COL OF ENGINEERING	148	0	0	0	30	0	0	0	0	52	66	0	0
PRINCETON UNIV	13,284	0	2,448	0	1,968	0	44	2,668	0	3,424	2,625	107	0
RUTGERS UNIVERSITY	8,143	914	81	0	267	0	179	4,300	164	110	2,128	0	0
SETON HALL UNIV	12	0	0	0	12	0	0	0	0	0	0	0	0
ST PETERS COL	569	0	0	0	569	0	0	0	0	0	0	0	0
STEVENS INST OF TECH	675	0	135	203	0	0	45	52	0	29	211	0	0
TRENTON STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
NEW MEXICO, TOTAL	12,425	807	7	20	6,901	179	44	1,675	497	1,523	1,008	164	0
COL OF SANTA FE	35	0	0	0	0	0	0	35	0	0	0	0	0
EASTERN NEW MEXICO UNIV	179	0	0	0	0	179	0	0	0	0	0	0	0
NEW MEX INST MINING & TEC	1,008	0	0	0	587	0	0	0	0	7	414	0	0
NEW MEXICO HIGHLANDS UNIV	7	0	7	0	0	0	0	0	0	0	0	0	0
NEW MEXICO STATE UNIV	6,983	807	0	0	4,418	0	28	240	497	774	130	89	0
UNIV OF ALBUQUERQUE	24	0	0	0	24	0	0	0	0	0	0	0	0
UNIV OF NEW MEXICO	4,189	0	0	20	1,472	0	16	1,400	0	742	464	75	0
NEW YORK, TOTAL	173,165	2,308	14,994	704	17,144	1,061	895	99,448	691	7,027	25,402	109	3,382
ADELPHI UNIV	191	0	0	0	0	0	0	137	0	0	54	0	0
ALBANY COL OF PHARMACY	7	0	0	0	0	0	0	7	0	0	0	0	0
ALBANY MEDICAL COL	2,207	0	0	0	0	0	0	2,207	0	0	0	0	0
BANK STREET COL OF ED	356	0	0	0	0	356	0	0	0	0	0	0	0
BARNARD COL	73	0	0	0	10	0	0	6	0	0	57	0	0
CLARKSON COL OF TECH	700	0	125	0	112	0	124	165	7	25	142	0	0
COLUMBIA UNIV	37,589	0	4,677	428	3,952	578	69	18,520	98	2,362	6,947	0	358
COLUMBIA UNIV CEN SYS	4	0	0	0	0	0	0	4	0	0	0	0	0
COOPER UNION	15	0	0	0	0	0	0	0	0	0	15	0	0
CORNELL UNIV	23,893	2,075	1,538	2	3,306	0	141	9,765	260	907	5,405	0	494

TABLE B-23
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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER•
NEW YORK													
CLNY BROOKLYN COL	152	0	64	0	0	0	0	0	0	0	88	0	0
CLNY CENTRAL SYSTEM	1,852	0	0	0	81	0	52	1,719	0	0	0	0	0
CLNY CITY COL	398	0	60	0	28	0	0	0	0	56	254	0	0
CLNY HUNTER COL	113	0	0	0	0	0	0	0	0	0	113	0	0
CLNY LEHMAN COL	35	0	0	0	0	0	0	0	0	0	35	0	0
CLNY MT SINAI SCH OF MED	7,173	0	12	0	176	0	4	6,898	0	10	73	0	0
CLNY N Y CITY CMTY COL	1	0	0	0	0	0	0	0	0	0	1	0	0
CLNY QUEENS COL	128	0	0	0	0	0	0	0	0	0	128	0	0
DOMINICAN COL OF BLAUVELT	1	0	0	0	0	0	0	0	0	0	1	0	0
DOWLING COLLEGE	2	0	0	0	0	0	0	0	0	2	0	0	0
DUDLEY OBSERVATORY	1,015	0	0	0	0	0	0	0	0	932	83	0	0
FORDHAM UNIV	344	0	0	0	0	0	0	171	0	157	16	0	0
HOFSTRA UNIV	88	0	0	0	0	0	0	31	0	0	57	0	0
ITHACA COL	24	0	0	0	0	0	0	24	0	0	0	0	0
LEMOYNE COL	12	0	0	0	0	0	0	0	0	0	12	0	0
LONG ISLAND UNIVERSITY	276	0	0	0	0	0	0	0	0	0	0	0	276
MANHATTAN COL	55	0	0	0	16	0	39	0	0	0	0	0	0
NEW SCHOOL FOR SOCIAL RES	263	0	0	0	0	0	0	210	0	0	53	0	0
NEW YORK MEDICAL COL	3,009	0	0	0	182	0	0	2,716	0	0	111	0	0
NEW YORK UNIV	20,780	15	1,668	41	2,239	0	164	13,744	35	787	1,876	58	153
PACE COL	19	0	0	0	0	0	0	19	0	0	0	0	0
POLYTECHNIC INST OF BKLYN	2,407	0	35	0	1,695	0	0	362	0	80	235	0	0
PRATT INST	45	0	0	0	0	0	0	45	0	0	0	0	0
RENSSELAER POLYTECH INST	3,419	0	965	0	931	0	9	254	60	631	518	51	0
ROCHESTER INST OF TECH	7	0	0	0	7	0	0	0	0	0	0	0	0
ROCKEFELLER UNIV	7,539	0	259	0	38	0	0	6,406	0	0	836	0	0
SARAH LAWRENCE COL	25	0	0	0	0	0	0	25	0	0	0	0	0
ST JOHN VIANNEY SEM	11	0	0	0	0	0	0	11	0	0	0	0	0
SUNY A&T COL ALFRED	26	0	0	0	0	0	0	0	0	26	0	0	0
SUNY CENTRAL SYSTEM	19	0	0	19	0	0	0	0	0	0	0	0	0
SUNY COL BROCKPORT	15	0	0	0	0	0	0	0	0	0	15	0	0
SUNY COL BUFFALO	276	0	0	0	276	0	0	0	0	0	0	0	0
SUNY COL CORTLAND	47	0	0	0	0	0	0	22	0	0	25	0	0
SUNY COL FORESTRY SYR U	472	105	0	0	25	0	0	71	30	0	241	0	0
SUNY COL FREDONIA	83	0	0	0	0	0	0	30	0	0	53	0	0
SUNY COL ONEONTA	11	0	0	0	0	0	0	11	0	0	0	0	0
SUNY COL OSWEGO	41	0	0	0	0	0	0	23	0	0	18	0	0
SUNY COL PLATTSBURGH	13	0	0	0	0	0	0	0	0	0	13	0	0
SUNY CORNING CMTY COL	10	0	0	0	0	0	0	10	0	0	0	0	0
SUNY DOWNSTATE MED CTR	3,816	0	0	0	57	0	0	3,545	0	0	14	0	0
SUNY MARITIME COLLEGE	81	0	0	81	0	0	0	0	0	0	0	0	0
SUNY ST U ALBANY	4,854	83	36	0	908	127	42	1,126	0	0	431	0	2,101
SUNY ST U BINGHAMTON	399	0	0	0	0	0	0	189	0	0	210	0	0
SUNY ST U BUFFALO	7,338	0	187	0	0	0	33	5,538	68	198	1,314	0	0
SUNY ST U STONY BROOK	4,188	0	818	0	222	0	0	733	0	568	1,847	0	0
SUNY UPSTATE MED CTR	2,029	0	2	0	25	0	0	1,987	0	15	0	0	0
SYRACUSE UNIV	3,445	30	175	0	907	0	181	1,097	133	79	843	0	0
TEACHERS COL	576	0	0	0	0	0	0	472	0	0	104	0	0
UNION COL	52	0	0	0	0	0	0	0	0	0	52	0	0
UNIV OF ROCHESTER	16,433	0	4,270	0	1,573	0	37	7,786	0	192	2,775	0	0
UTICA COLLEGE	105	0	0	0	0	0	0	88	0	0	17	0	0
VASSAR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
WEBB INST OF NAVAL ARCH	133	0	0	133	0	0	0	0	0	0	0	0	0
YESHIVA UNIV	14,458	0	103	0	378	0	0	13,257	0	0	720	0	0
NORTH CAROLINA, TOTAL	43,309	2,790	1,650	144	6,248	99	663	23,581	238	843	2,874	16	4,169
APPALACHIAN STATE UNIV	8	0	0	0	0	0	0	0	0	8	0	0	0
CENTRAL PIEDMONT COMM COL	2	0	0	0	0	0	0	2	0	0	0	0	0
DUKE UNIV	16,714	0	800	15	4,374	0	9	9,985	20	147	1,328	16	0
EAST CAROLINA UNIV	13	0	0	0	0	0	0	13	0	0	0	0	0
N C AGRIC & TECH ST UNIV	174	65	0	0	0	0	0	33	0	76	0	0	0
N C STATE UNIV AT RALEIGH	7,269	2,725	376	0	342	0	367	1,717	183	443	287	0	829
NC CAROLINA CENTRAL UNIV	71	0	0	0	0	0	0	71	0	0	0	0	0
SHAW UNIV	113	0	0	0	0	99	14	0	0	0	0	0	0
ST ANDREWS PRESBY COL	13	0	0	0	0	0	0	13	0	0	0	0	0
UNIV OF N C AT CHAP HILL	16,160	0	406	129	1,282	0	232	9,564	0	125	1,183	0	3,239
UNIV OF N C AT GREENSBORO	124	0	0	0	0	0	19	0	28	0	76	0	0

RENSSELAER POLYTECH INST	3,419	0	965	0	931	0	9	294	60	631	518	51	0
ROCHESTER INST OF TECH	7	0	0	0	7	0	0	0	0	0	0	0	0
ROCKEFELLER UNIV	7,539	0	259	0	38	0	0	6,406	0	0	836	0	0
SARAH LAWRENCE COL	25	0	0	0	0	0	0	25	0	0	0	0	0
ST JOHN VIANNEY SEM	11	0	0	0	0	0	0	11	0	0	0	0	0
SUNY A&T COL ALFRED	26	0	0	0	0	0	0	0	0	26	0	0	0
SUNY CENTRAL SYSTEM	19	0	0	19	0	0	0	0	0	0	0	0	0
SUNY COL BROCKPORT	15	0	0	0	0	0	0	0	0	0	15	0	0
SUNY COL BUFFALO	276	0	0	0	276	0	0	0	0	0	0	0	0
SUNY COL CORTLAND	47	0	0	0	0	0	0	22	0	0	25	0	0
SUNY COL FORESTRY SYR U	472	105	0	0	25	0	0	71	30	0	241	0	0
SUNY COL FREDONIA	83	0	0	0	0	0	0	30	0	0	53	0	0
SUNY COL ONEONTA	11	0	0	0	0	0	0	11	0	0	0	0	0
SUNY COL OSWEGO	41	0	0	0	0	0	0	23	0	0	18	0	0
SUNY COL PLATTSBURGH	13	0	0	0	0	0	0	0	0	0	13	0	0
SUNY CORNING CMTY COL	10	0	0	0	0	0	0	10	0	0	0	0	0
SUNY DOWNSTATE MED CTR	3,616	0	0	0	57	0	0	3,545	0	0	14	0	0
SUNY MARITIME COLLEGE	81	0	0	81	0	0	0	0	0	0	0	0	0
SUNY ST U ALBANY	4,854	83	36	0	908	127	42	1,126	0	0	431	0	2,101
SUNY ST U BINGHAMTON	399	0	0	0	0	0	0	189	0	0	210	0	0
SUNY ST U BUFFALO	7,338	0	187	0	0	0	33	5,538	68	198	1,314	0	0
SUNY ST U STONY BROOK	4,188	0	818	0	222	0	0	733	0	568	1,847	0	0
SUNY UPSTATE MED CTR	2,029	0	2	0	25	0	0	1,987	0	15	0	0	0
SYRACUSE UNIV	3,445	30	175	0	907	0	181	1,097	133	79	843	0	0
TEACHERS COL	576	0	0	0	0	0	0	472	0	0	104	0	0
UNION COL	52	0	0	0	0	0	0	0	0	0	52	0	0
UNIV OF ROCHESTER	16,633	0	4,270	0	1,573	0	37	7,786	0	192	2,775	0	0
UTICA COLLEGE	105	0	0	0	0	0	0	88	0	0	17	0	0
VASSAR COL	17	0	0	0	0	0	0	17	0	0	0	0	0
WEBB INST OF NAVAL ARCH	133	0	0	133	0	0	0	0	0	0	0	0	0
YESHIVA UNIV	14,458	0	103	0	378	0	0	13,257	0	0	720	0	0
NORTH CAROLINA, TOTAL	43,309	2,790	1,650	144	6,248	99	663	23,581	232	843	2,874	16	4,169
APPALACHIAN STATE UNIV	8	0	0	0	0	0	0	0	0	8	0	0	0
CENTRAL PIEDMONT COMM COL	2	0	0	0	0	0	0	2	0	0	0	0	0
DUKE UNIV	16,714	0	800	15	4,374	0	9	9,985	20	167	1,328	16	0
EAST CAROLINA UNIV	13	0	0	0	0	0	0	13	0	0	0	0	0
N C AGRIC & TECH ST UNIV	174	65	0	0	0	0	0	33	0	76	0	0	0
N C STATE UNIV AT RALEIGH	7,269	2,725	376	0	342	0	367	1,717	183	443	287	0	829
NC CAROLINA CENTRAL UNIV	71	0	0	0	0	0	0	71	0	0	0	0	0
SPAN UNIV	113	0	0	0	0	99	14	0	0	0	0	0	0
ST ANDREWS PRESBY COL	13	0	0	0	0	0	0	13	0	0	0	0	0
UNIV OF N C AT CHAP HILL	16,180	0	406	129	1,282	0	232	9,564	0	125	1,183	0	3,239
UNIV OF N C AT GREENSBORO	124	0	0	0	0	0	19	0	29	0	76	0	0
UNIV OF N C GEN SYS	46	0	46	0	0	0	0	0	0	0	0	0	0
WAKE FOREST UNIV	2,602	0	22	0	250	0	22	2,183	0	24	0	0	101
NORTH DAKOTA, TOTAL	2,437	967	38	35	394	0	0	738	216	14	35	0	0
MINOT ST COL	26	0	0	0	0	0	0	26	0	0	0	0	0
NORTH DAKOTA STATE UNIV	1,404	967	0	0	144	0	0	48	216	14	15	0	0
UNIV OF NORTH DAKOTA	1,007	0	38	35	250	0	0	664	0	0	20	0	0
OHIO, TOTAL	40,384	2,109	2,178	0	9,888	143	219	17,729	476	1,274	4,757	848	765
ANTIOCH COL	361	0	0	0	0	0	0	361	0	0	0	0	0
BOWLING GREEN STATE UNIV	303	0	0	0	0	0	0	207	0	59	37	0	0
CASE WESTERN RESERVE UNIV	12,299	0	1,188	0	1,065	0	92	7,746	163	476	1,530	0	39
CENTRAL STATE UNIV	9	0	0	0	0	0	0	9	0	0	0	0	0
CLEVELAND STATE UNIV	5	0	0	0	0	0	0	5	0	0	0	0	0

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	DES	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
OHIO													
COL OF ST JOSEPH-ON-OHIO	10	0	0	0	0	0	0	10	0	0	0	0	0
COL OF WOOSTER	17	0	0	0	0	0	0	17	0	0	0	0	0
HIRAM COL	60	0	0	0	0	0	0	0	0	0	60	0	0
JOHN CARROLL UNIV	39	0	0	0	39	0	0	0	0	0	0	0	0
KENT STATE UNIV	1,019	0	39	0	795	143	0	85	0	0	183	769	0
KENYON COL	47	0	0	0	0	0	9	38	0	0	0	0	0
MED COL OF OHIO AT TOLEDO	512	0	0	0	0	0	0	512	0	0	0	0	0
MIAMI UNIV	371	0	0	0	226	0	0	52	0	0	93	0	0
MUSKINGUM COL	12	0	0	0	0	0	0	0	0	0	12	0	0
OBERLIN COL	86	0	0	0	0	0	0	0	0	0	86	0	0
OHIO STATE UNIV	15,540	2,109	797	0	3,189	0	86	5,537	259	971	2,298	79	726
OHIO UNIV	406	0	19	0	219	0	0	30	0	50	93	0	0
OHIO WESLEYAN UNIV	22	0	0	0	0	0	0	22	0	0	0	0	0
UNIV OF AKRON	307	0	0	0	92	0	0	83	55	0	117	0	0
UNIV OF CINCINNATI	4,169	0	155	0	720	0	72	2,936	0	80	226	0	0
UNIV OF DAYTON	4,037	0	0	0	3,974	0	0	0	0	45	18	0	0
UNIV OF TOLEDO	78	0	28	0	0	0	0	1	0	39	16	0	0
WITTENBERG UNIV	19	0	0	0	19	0	0	0	0	0	0	0	0
WRIGHT STATE UNIV	290	0	0	0	221	0	0	69	0	0	0	0	0
XAVIER UNIV	11	0	0	0	0	0	0	7	0	4	0	0	0
OKLAHOMA, TOTAL	8,292	1,477	77	219	1,790	0	80	2,304	271	231	1,537	270	0
EAST CENTRAL STATE COL	63	0	0	0	0	0	24	39	0	0	0	0	0
LANGSTON UNIV	19	19	0	0	0	0	0	0	0	0	0	0	0
OKLAHOMA BAPTIST UNIV	14	0	0	0	0	0	0	14	0	0	0	0	0
OKLAHOMA CITY UNIV	28	0	0	0	28	0	0	0	0	0	0	0	0
OKLAHOMA STATE UNIV	4,100	1,401	17	0	1,296	0	32	609	191	70	424	0	0
SOUTHEASTERN STATE COL	93	0	0	0	0	0	0	0	0	53	0	0	0
SOUTHWESTERN STATE COL	3	0	0	0	0	0	0	3	0	0	0	0	0
UNIV OF OKLAHOMA	3,896	0	60	219	466	0	24	1,729	0	78	1,056	270	0
UNIV OF TULSA	119	0	0	0	0	0	0	0	80	32	57	0	0
OREGON, TOTAL	28,078	1,292	991	38	1,974	303	538	9,711	481	665	4,406	0	593
LEWIS AND CLARK COL	9	0	0	0	0	0	0	9	0	0	0	0	0
LINFIELD COL	91	0	0	0	0	0	0	0	0	40	11	0	0
ORE ST HIGH ED CEN SYS	29	0	0	0	0	0	0	29	0	0	0	0	0
OREGON GRADUATE CENTER	157	0	0	0	125	0	0	32	0	0	0	0	0
OREGON STATE UNIV	9,486	1,292	441	38	1,720	0	538	2,178	481	180	2,749	0	593
PACIFIC UNIV	99	0	0	0	0	0	0	99	0	0	0	0	0
PORTLAND STATE UNIVERSITY	114	0	0	0	0	0	0	30	0	0	84	0	0
REED COL	221	0	0	0	97	0	0	113	0	0	24	0	0
SOUTHERN OREGON COL	31	0	0	0	0	0	0	31	0	0	0	0	0
U OREGON DENTAL SCHOOL	499	0	0	0	103	0	0	396	0	0	0	0	0
U OREGON MEDICAL SCHOOL	3,859	0	109	0	25	0	0	3,726	0	0	0	0	0
UNIV OF OREGON - EUGENE	9,993	0	341	0	249	303	0	2,677	0	445	1,538	0	0
PENNSYLVANIA, TOTAL	74,019	2,899	4,733	282	15,404	247	921	41,124	1,934	2,223	10,431	299	242
ALBRIGHT COL	105	0	0	0	0	0	0	105	0	0	0	0	0
BEAVER COL	16	0	0	0	0	0	0	0	0	0	16	0	0
BETH MAUR COL	197	0	0	0	0	0	0	153	0	22	9	0	0
BLOOMSBURG UNIV	76	0	0	0	0	0	0	41	0	0	35	0	0
CARNEGIE MELLON UNIV	6,865	0	1,031	0	2,403	0	23	957	221	186	1,424	20	16
DICKINSON COL	18	0	0	0	0	0	0	18	0	0	0	0	0
DREXEL UNIVERSITY	1,047	0	40	0	346	0	345	124	0	116	76	0	0
DUQUESNE UNIV	74	0	0	0	0	0	0	44	0	0	30	0	0
EAST STROUDSBURG STATE COL	159	0	0	0	0	0	0	159	0	0	0	0	0
FRANKLIN AND MARSHALL COL	125	0	0	0	0	0	0	29	0	0	96	0	0
HAHNEMANN MED COL & HOSP	1,716	0	0	0	947	0	0	1,761	0	0	8	0	0
HAVERFORD COL	447	0	0	0	0	0	0	302	0	0	145	0	0
LEHIGH UNIV	2,349	0	59	181	917	0	134	171	72	313	816	115	0
LINCOLN UNIV	170	0	21	0	0	0	0	149	0	0	0	0	0

OKLAHOMA, TOTAL	8,292	1,477	77	215	1,791	7	85	2,344	471	271	1,337	270	0
EAST CENTRAL STATE COL	83	0	0	0	0	0	24	39	0	0	0	0	0
LANGSTON UNIV	16	16	0	0	0	0	0	0	0	0	0	0	0
OKLAHOMA BAPTIST UNIV	14	0	0	0	0	0	0	14	0	0	0	0	0
OKLAHOMA CITY UNIV	28	0	0	0	28	0	0	0	0	0	0	0	0
OKLAHOMA STATE UNIV	4,100	1,481	17	0	1,296	0	32	609	191	70	424	0	0
SOUTHEASTERN STATE COL	93	0	0	0	0	0	0	0	0	93	0	0	0
SOUTHWESTERN STATE COL	3	0	0	0	0	0	0	3	0	0	0	0	0
UNIV OF OKLAHOMA	3,896	0	60	215	466	0	24	1,729	0	76	1,056	270	0
UNIV OF TULSA	119	0	0	0	0	0	0	0	30	32	57	0	0
OREGON, TOTAL	20,870	1,292	991	30	1,874	303	538	9,711	261	605	4,406	0	993
LEWIS AND CLARK COL	9	0	0	0	0	0	0	9	0	0	0	0	0
LINFIELD COL	91	0	0	0	0	0	0	0	0	40	11	0	0
OREG ST HIGH ED CEN SYS	29	0	0	0	0	0	0	29	0	0	0	0	0
OREGON GRADUATE CENTER	157	0	0	0	125	0	0	32	0	0	0	0	0
OREGON STATE UNIV	9,486	1,292	441	30	1,720	0	538	2,178	261	100	2,749	0	993
PACIFIC UNIV	99	0	0	0	0	0	0	99	0	0	0	0	0
PORTLAND STATE UNIVERSITY	114	0	0	0	0	0	0	30	0	0	84	0	0
REED COL	231	0	0	0	97	0	0	110	0	0	24	0	0
SOUTHERN OREGON COL	31	0	0	0	0	0	0	31	0	0	0	0	0
U OREGON DENTAL SCHOOL	499	0	0	0	103	0	0	396	0	0	0	0	0
U OREGON MEDICAL SCHOOL	3,859	0	109	0	20	0	0	3,726	0	0	0	0	0
UNIV OF OREGON - EUGENE	5,993	0	341	0	249	303	0	2,677	0	449	1,938	0	0
PENNSYLVANIA, TOTAL	74,819	2,899	4,233	207	10,404	247	921	41,124	1,034	2,223	10,431	299	242
ALBRIGHT COL	185	0	0	0	0	0	0	185	0	0	0	0	0
BEAVER COL	16	0	0	0	0	0	0	0	0	0	16	0	0
BETH MEDR COL	187	0	0	0	0	0	0	153	0	22	9	0	0
BLOOMSBURG UNIV	78	0	0	0	0	0	0	41	0	0	39	0	0
CARNEGIE MELLON UNIV	6,860	0	1,631	0	2,402	0	23	997	221	166	1,424	20	16
CLARION COL	16	0	0	0	0	0	0	16	0	0	0	0	0
DREXEL UNIVERSITY	1,047	0	40	0	346	0	345	124	0	116	76	0	0
DUQUESNE UNIV	74	0	0	0	0	0	0	44	0	0	30	0	0
EAST STROUDSBRG STATE COL	199	0	0	0	0	0	0	199	0	0	0	0	0
FRANKLIN AND MARSHALL COL	129	0	0	0	0	0	0	29	0	0	96	0	0
HAHNEMANN MED COL & HOSP	1,316	0	0	0	247	0	0	1,061	0	0	8	0	0
HAVERFORD COL	447	0	0	0	0	0	0	307	0	0	140	0	0
LEHIGH UNIV	2,348	0	59	181	917	0	104	171	72	313	816	119	0
LINCOLN UNIV	170	0	21	0	0	0	0	149	0	0	0	0	0
MARY IMMACULATE SEM & COL	208	0	0	0	0	0	0	208	0	0	0	0	0
MEDICAL COLLEGE OF PA	499	0	0	0	0	0	0	378	0	0	77	0	0
PENNSYLVANIA STATE UNIV	12,386	2,829	389	21	1,434	0	270	3,501	1,063	663	2,134	87	0
PHILA COL OF PHARM & SCI	61	0	0	0	0	0	0	61	0	0	0	0	0
SHIPPENSBURG STATE COL	9	0	0	0	0	0	0	9	0	0	0	0	0
SLIPPERY ROCK STATE COL	9	0	0	0	0	0	0	0	0	0	9	0	0
ST JOSEPHS COL	34	0	0	0	0	0	0	0	0	0	34	0	0
SUSQUEHANNA UNIV	14	0	0	0	0	0	0	14	0	0	0	0	0
SWARTHMORE COL	175	0	0	0	0	0	0	107	0	20	48	0	0
TEMPLE UNIV	8,735	0	99	0	84	0	0	7,920	0	27	402	40	162
THIEL COL	23	0	0	0	0	0	0	0	0	0	23	0	0
THOM JEFFERSON UNIV HOSP	3,337	0	99	0	794	0	0	2,492	0	0	32	0	0
UNIV OF PENNSYLVANIA	29,241	34	1,499	0	3,449	247	89	19,930	103	425	3,364	37	64
UNIV OF PITTSBURGH	10,984	0	439	0	1,169	0	90	6,980	179	471	1,661	0	0
UNIV OF SCRANTON	1	0	0	0	0	0	0	1	0	0	0	0	0
VILLANOVA UNIV	61	0	0	0	0	0	0	61	0	0	0	0	0
WILKES COL	19	0	0	0	0	0	0	19	0	0	0	0	0

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FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	ARC	COM	DOD	DEA	EPA	HEW	INT	NASA	NSF	DOT	OTHERS
RHODE ISLAND, TOTAL	9,471	911	924	21	2,903	0	0	3,267	207	245	2,114	0	0
BROWN UNIV	6,949	0	919	0	1,279	0	0	2,977	132	191	1,708	0	0
PROVIDENCE COL	41	0	0	0	0	0	0	41	0	0	0	0	0
UNIV OF RHODE ISLAND	2,582	911	5	21	1,229	0	0	251	155	54	348	0	0
SOUTH CAROLINA, TOTAL	4,488	1,884	197	6	437	0	781	1,791	192	169	293	0	0
CLEMSON UNIV	2,389	1,847	35	0	171	0	50	87	192	99	159	0	0
FLORIDA UNIV	5	0	0	0	0	0	0	5	0	0	0	0	0
MED UNIV OF S CAROLINA	1,946	0	0	0	174	0	230	1,134	0	0	0	0	0
SOUTH CAROLINA STATE COL	17	17	0	0	0	0	0	0	0	0	0	0	0
UNIV OF SOUTH CAROLINA	543	0	69	0	93	0	97	89	0	70	134	0	0
SOUTH DAKOTA, TOTAL	2,919	929	11	0	60	0	63	141	902	478	379	0	0
AUGUSTANA COL	63	0	0	0	0	0	0	0	0	0	63	0	0
BIDOU FALLS COL	11	0	0	0	0	0	0	0	0	0	11	0	0
SOUTH DAK SCH MINES TECH	982	0	0	0	0	0	16	0	693	26	239	0	0
SOUTH DAKOTA STATE UNIV	1,707	929	0	0	66	0	16	0	209	452	90	0	0
UNIV OF SOUTH DAKOTA	159	0	11	0	0	0	11	131	0	0	16	0	0
TENNESSEE, TOTAL	21,930	1,072	1,967	70	1,915	0	424	13,978	156	301	1,192	0	0
ALCORN AGRI & MECH COL	3	0	0	0	0	0	0	3	0	0	0	0	0
FISK UNIV	49	0	0	5	0	0	0	29	0	0	8	0	0
GEORGE PEABODY COL TCHRS	839	0	0	0	0	0	0	839	0	0	0	0	0
LE MOYNE-OWEN COL	13	0	0	0	0	0	0	13	0	0	0	0	0
MEMPHIS MEDICAL COL	1,027	0	0	0	880	0	0	1,129	0	0	10	0	0
MEMPHIS STATE UNIV	409	0	0	35	144	0	47	169	0	0	14	0	0
SOUTHWESTERN AT MEMPHIS	81	0	0	0	0	0	0	0	0	0	81	0	0
TENNESSEE STATE UNIV	69	19	31	0	0	0	0	0	0	0	0	0	0
TENNESSEE TECHNOLOGICAL UNIV	79	0	0	0	0	0	0	17	0	60	0	0	0
U OF TENN MED UNITS MEMPH	3,869	0	96	0	289	0	0	3,931	0	0	22	0	0
UNIV OF TENN AT KNOXVILLE	9,219	1,053	1,357	0	413	0	0	692	156	291	331	0	0
UNIV OF TENN CEN EXT	44	0	0	0	44	0	0	0	0	0	0	0	0
VANDERBILT UNIV	9,269	0	124	0	336	0	377	7,835	0	73	746	0	0
TEXAS, TOTAL	69,919	3,035	3,189	39	17,715	204	199	31,819	869	7,832	7,114	279	629
ANGELO STATE UNIVERSITY	5	0	0	0	0	0	0	5	0	0	0	0	0
BAYLOR COL OF MEDICINE	11,129	0	0	0	199	0	0	10,810	0	200	81	0	0
BAYLOR UNIV	441	0	33	0	305	0	0	29	0	0	74	0	0
BISHOP COL	93	0	0	0	0	0	0	0	0	93	0	0	0
HOUSTON BAPTIST COL	90	0	0	0	0	0	0	19	0	90	0	0	0
NORTH TEXAS STATE UNIV	193	0	0	0	21	0	0	29	0	79	27	0	0
OUR LADY OF THE LAKE COL	17	0	0	0	0	0	0	17	0	0	0	0	0
PRAIRIE VIEW A & M COL	119	90	0	0	0	0	0	0	0	47	0	0	0
RICE UNIV	4,882	0	769	0	736	0	0	674	0	1,278	1,123	0	131
SAM HOUSTON STATE UNIV	10	0	0	0	0	0	0	0	0	0	10	0	0
SOUTHERN METHODIST UNIV	927	0	0	0	179	0	26	49	0	29	239	0	0
SOUTHWEST TEXAS UNIV	29	0	29	0	0	0	0	0	0	0	0	0	0
STEPHEN F AUSTIN ST UNIV	39	39	0	0	0	0	0	0	0	0	0	0	0
TARLETON STATE COL	7	0	0	0	0	0	0	0	0	0	7	0	0
TARRANT COUNTY JR COL	6	0	0	0	0	0	0	6	0	0	0	0	0
TEXAS A & M UNIV	9,680	2,031	899	9	1,066	0	39	812	130	749	2,103	204	0
TEXAS ARM UNIV SCH VET	712	0	0	0	0	0	0	0	334	0	0	98	339
TEXAS ARTS & INDUST UNIV	10	0	0	0	0	0	0	0	0	10	0	0	0
TEXAS CHRISTIAN UNIV	212	0	0	0	0	0	26	107	0	79	0	0	0
TEXAS SOUTHERN UNIV	17	0	0	0	0	0	0	0	0	17	0	0	0
TEXAS TECH UNIVERSITY	633	0	30	0	134	0	0	69	103	67	222	0	0
TEXAS WOMANS UNIV	69	0	0	0	0	0	0	0	0	69	0	0	0
TRINITY UNIV	19	0	0	0	0	0	0	19	0	0	0	0	0
U TEX GRAD PROGRM ADUSTMN	409	0	0	0	0	0	0	379	0	30	0	0	0
U TEX GRAD SCH BIOMED SCI	131	0	0	0	0	0	12	0	0	79	40	0	0
U TEX MD ANDERSON HOSP & TUMOR	8,719	0	0	0	0	0	0	8,719	0	0	0	0	0
U TEX MED BRANCH GALVESTON	2,914	0	0	0	0	0	0	2,785	0	129	0	0	0
U TEX SAN ANTONIO	129	0	0	0	129	0	0	0	0	0	0	0	0
U TEX SCH PUB HLTH ADUSTN	234	0	0	0	0	0	0	87	0	147	0	0	0
U TEX SW MED SCH DALLAS	5,365	0	34	0	65	0	0	5,206	0	60	0	0	0
UNIV OF HOUSTON	1,463	0	125	0	199	0	0	152	0	615	204	17	0
UNIV OF ST THOMAS	20	0	0	0	13	0	0	0	0	0	14	0	0

BAYLOR U SCH DENT	835	0	0	0	0	0	0	835	0	0	0	0	0
LE TOURNEAU COL	13	0	0	0	0	0	0	13	0	0	0	0	0
HOWARD MEDICAL COL	1,627	0	0	0	488	0	0	1,139	0	0	12	0	0
MEMPHIS STATE UNIV	669	0	0	29	144	0	47	169	0	0	16	0	0
SOUTHWESTERN AT MEMPHIS	81	0	0	0	0	0	0	0	0	0	81	0	0
TENNESSEE STATE UNIV	49	19	30	0	0	0	0	0	0	0	0	0	0
TENNESSEE TECHNOLOGL UNIV	70	0	0	0	0	0	0	17	0	60	0	0	0
U OF TENN MED UNITS MEMPH	3,869	0	96	0	288	0	0	3,501	0	0	20	0	0
UNIV OF TENN AT KNOXVILLE	9,215	1,093	1,397	0	410	0	0	892	196	291	331	0	0
UNIV OF TENN CEN SYS	44	0	0	0	44	0	0	0	0	0	0	0	0
VANDERBILT UNIV	9,269	0	184	0	338	0	377	7,639	0	72	748	0	0
TEXAS, TOTAL	64,915	3,039	3,189	35	10,515	204	195	31,919	969	7,833	7,114	279	629
ANGELO STATE UNIVERSITY	5	0	0	0	0	0	0	5	0	0	0	0	0
BAYLOR COL OF MEDICINE	11,129	0	0	0	199	0	0	10,610	0	290	61	0	0
BAYLOR UNIV	661	0	33	0	309	0	0	29	0	0	74	0	0
BISHOP COL	93	0	0	0	0	0	0	0	0	93	0	0	0
HOUSTON BAPTIST COL	84	0	0	0	0	0	0	19	0	39	0	0	0
NORTH TEXAS STATE UNIV	193	0	0	0	21	0	0	27	0	78	27	0	0
OLD LADY OF THE LAKE COL	10	0	0	0	0	0	0	10	0	0	0	0	0
PRAIRIE VIEW A & M COL	114	99	0	0	0	0	0	0	0	47	0	0	0
RICE UNIV	4,882	0	744	0	730	0	0	674	0	1,279	1,123	0	131
SAM HOUSTON STATE UNIV	10	0	0	0	0	0	0	0	0	0	10	0	0
SOUTHERN METHODIST UNIV	927	0	0	0	179	0	28	49	0	29	239	0	0
SOUTHWEST TEXAS UNIV	29	0	29	0	0	0	0	0	0	0	0	0	0
STEPHEN F AUSTIN ST UNIV	39	39	0	0	0	0	0	0	0	0	0	0	0
TARLETON STATE COL	7	0	0	0	0	0	0	0	0	0	7	0	0
TARRANT COUNTY JR COL	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXAS A & M UNIV	9,486	2,931	899	7	1,046	0	39	612	136	740	2,173	204	0
TEXAS A&M UNIV CEN SYS	712	0	0	0	0	0	0	0	324	0	0	58	330
TEXAS ARTS & INDUST UNIV	10	0	0	0	0	0	0	0	0	10	0	0	0
TEXAS CHRISTIAN UNIV	212	0	0	0	0	0	24	107	0	79	0	0	0
TEXAS SOUTHERN UNIV	10	0	0	0	0	0	0	0	0	10	0	0	0
TEXAS TECH UNIVERSITY	630	0	30	0	134	0	0	69	100	67	222	0	0
TEXAS WOMANS UNIV	49	0	0	0	0	0	0	0	0	49	0	0	0
TRINITY UNIV	19	0	0	0	0	0	0	19	0	0	0	0	0
U TEX DENT BRANCH HOUSTON	409	0	0	0	0	0	0	379	0	30	0	0	0
U TEX GRAD SCH BIOMED SCI	131	0	0	0	0	0	12	0	0	79	40	0	0
U TEX HOUSTON MED SCHOOL	6,719	0	0	0	0	0	0	6,719	0	0	0	0	0
U TEX HP ANDERSN HOSPITLM	237	0	69	0	0	0	0	99	0	70	3	0	0
U TEX MED BRANCH GALVESTON	2,916	0	0	0	0	0	0	2,788	0	128	0	0	0
U TEX SAN ANTONIO	138	0	0	0	138	0	0	0	0	0	0	0	0
U TEX SCH PUB HLTH HOUSTN	224	0	0	0	0	0	0	87	0	137	0	0	0
U TEX SW MED SCH DALLAS	3,385	0	34	0	49	0	0	3,206	0	96	0	0	0
UNIV OF HOUSTON	1,667	0	126	0	199	0	0	192	0	909	264	17	0
UNIV OF ST THOMAS	98	0	0	7	19	0	0	0	0	0	36	0	0
UNIV OF TEXAS ARLINGTON	49	0	0	0	0	0	0	31	0	0	19	0	0
UNIV OF TEXAS AT AUSTIN	14,119	10	1,769	14	3,979	174	87	2,729	199	1,904	2,279	0	166
UNIV OF TEXAS AT DALLAS	2,828	0	84	7	29	0	0	0	0	2,192	600	0	0
UNIV OF TEXAS AT EL PASO	208	0	0	0	162	0	0	39	0	7	0	0	0
UNIV OF TEXAS CEN SYS	478	0	0	0	99	30	0	373	0	0	0	0	0
UNIV OF TEXAS MEDICAL SCH	996	0	0	0	0	0	0	989	0	0	7	0	0
UTAH, TOTAL	19,893	773	1,795	26	3,662	0	244	7,477	1,075	442	3,247	25	927
BRIGHAM YOUNG UNIV	939	7	32	0	134	0	28	198	0	20	117	0	0
SNOW COLLEGE	5	0	0	0	0	0	0	5	0	0	0	0	0
UNIV OF UTAH	12,788	0	1,269	20	2,508	0	216	6,941	179	361	1,298	0	0

TABLE B-23
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR RESEARCH AND DEVELOPMENT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
UTAH													
UTAH STATE UNIV	5,903	786	98	6	1,020	0	0	333	896	61	1,811	25	927
WEBER STATE COL	21	0	0	0	0	0	0	0	0	0	21	0	0
VERMONT, TOTAL	4,036	649	37	0	209	0	21	2,894	82	0	76	108	0
BENNINGTON COL	11	0	0	0	0	0	0	11	0	0	0	0	0
MIDDLEBURY COL	44	0	0	0	0	0	21	23	0	0	0	0	0
TRINITY COL	267	0	0	0	0	0	0	267	0	0	0	0	0
UNIV OF VERMONT	3,714	649	37	0	209	0	0	2,593	82	0	76	108	0
VIRGINIA, TOTAL	14,961	1,708	333	0	1,983	0	30	7,330	413	1,983	1,979	2	0
COL OF WILLIAM AND MARY	308	0	0	0	0	0	0	67	0	208	33	0	0
HAMPTON INST	45	0	0	0	0	0	0	45	0	0	0	0	0
HOLLINS COL	76	0	0	0	0	0	0	76	0	0	0	0	0
NORTHERN VIRGINIA COMM CO	10	0	0	0	0	0	0	10	0	0	0	0	0
OLD DOMINION UNIV	694	0	0	0	17	0	10	0	0	607	60	0	0
RANDOLPH-MACON COL	10	0	0	0	0	0	0	10	0	0	0	0	0
ROANOKE COL	18	0	18	0	0	0	0	0	0	0	0	0	0
UNIV OF VIRGINIA	6,279	0	209	0	984	0	12	3,430	25	570	1,045	2	0
VA COMMONWEALTH UNIV	3,611	0	54	0	242	0	8	3,069	0	190	50	0	0
VIRGINIA MILITARY INST	21	0	0	0	16	0	0	0	0	5	0	0	0
VIRGINIA POLYTECHNIC INST	3,871	1,690	52	0	322	0	0	625	388	403	391	0	0
VIRGINIA STATE COL	18	18	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON, TOTAL	40,379	1,550	2,362	1,207	5,483	0	539	21,965	926	650	5,097	0	200
PACIFIC LUTHERAN UNIV	16	0	0	0	0	0	0	0	0	0	16	0	0
SEATTLE COMM COL	150	0	0	0	0	0	0	150	0	0	0	0	0
UNIV OF PUGET SOUND	97	0	0	0	0	0	0	97	0	0	0	0	0
UNIV OF WASHINGTON	36,079	133	2,163	1,207	5,309	0	296	20,695	211	650	5,415	0	0
WALLA WALLA COL	40	0	0	0	0	0	0	0	0	0	40	0	0
WASHINGTON STATE UNIV	3,789	1,417	191	0	174	0	178	926	715	0	388	0	200
WESTERN WASH STATE COL	208	0	8	0	0	0	65	97	0	0	38	0	0
WEST VIRGINIA, TOTAL	3,918	1,192	0	24	18	571	336	826	442	90	290	129	0
WEST VIRGINIA INST TECH	571	0	0	0	0	571	0	0	0	0	0	0	0
WEST VIRGINIA UNIV	3,336	1,192	0	24	18	0	336	815	442	90	290	129	0
WEST VIRGINIA WESLEYN COL	11	0	0	0	0	0	0	11	0	0	0	0	0
WISCONSIN, TOTAL	40,552	1,958	3,018	245	1,499	7,761	515	17,781	329	2,849	4,436	0	569
BELOIT COL	41	0	0	0	0	0	0	41	0	0	0	0	0
INST OF PAPER CHEMISTRY	3	3	0	0	0	0	0	0	0	0	0	0	0
LAWRENCE UNIV	43	0	0	0	0	0	0	43	0	0	0	0	0
MARQUETTE UNIV	595	0	33	0	82	0	0	252	0	22	206	0	0
MEDICAL COLLEGE OF WISC	1,733	0	0	27	43	0	35	1,488	0	0	70	0	70
RIPON COL	10	0	0	0	0	0	0	0	0	0	10	0	0
STOUT STATE UNIV	154	0	0	0	0	0	0	154	0	0	0	0	0
UNIV OF WISC CEN SYS	22	0	0	0	21	0	0	1	0	0	0	0	0
UNIV OF WISC GREEN BAY	16	0	0	0	0	0	0	0	0	16	0	0	0
UNIV OF WISC PARKSIDE	19	0	19	0	0	0	0	0	0	0	0	0	0
UNIV OF WISCONSIN CTR	270	0	0	0	0	0	254	0	0	0	16	0	0
UNIV OF WISCONSIN MADISON	36,871	1,955	2,818	218	1,311	7,761	226	15,532	290	2,766	3,899	0	495
UNIV OF WISCONSIN MILWAUK	484	0	148	0	42	0	0	2	39	45	212	0	0
WAUSHARA COUNTY TCHRS COL	200	0	0	0	0	0	0	200	0	0	0	0	0
WISC ST UNIV STEVENS PNT	23	0	0	0	0	0	0	0	0	0	23	0	0
WISC STATE UNIV EAU CLAIR	40	0	0	0	0	0	0	40	0	0	0	0	0
WISC STATE UNIV LA CROSSE	15	0	0	0	0	0	0	15	0	0	0	0	0
WISC STATE UNIV OSHKOSH	10	0	0	0	0	0	0	10	0	0	0	0	0
WISC STATE UNIV RIVER FLL	3	0	0	0	0	0	0	3	0	0	0	0	0
WYOMING, TOTAL	2,035	627	22	21	77	0	109	164	801	75	339	0	0
UNIV OF WYOMING	2,035	627	22	21	77	0	109	164	801	75	339	0	0
PUERTO RICO, TOTAL	5,106	1,668	1,070	0	20	0	0	1,739	73	0	36	0	500
UNIV OF P R CEN SYS	1,070	0	1,070	0	0	0	0	0	0	0	0	0	0

[illegible]	17	0	17	0	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNIV OF VIRGINIA	6,279	0	209	0	984	0	12	3,430	25	570	1,045	2	0
VA COMMONWEALTH UNIV	3,611	0	54	0	242	0	8	3,067	0	190	50	0	0
VIRGINIA MILITARY INST	21	0	0	0	16	0	0	0	0	5	0	0	0
VIRGINIA POLYTECHNIC INST	3,871	1,690	52	0	322	0	0	625	388	403	391	0	0
VIRGINIA STATE COL	18	18	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON, TOTAL	40,379	1,550	2,362	1,207	5,483	0	539	21,965	926	650	5,897	0	200
PACIFIC LUTHERAN UNIV	16	0	0	0	0	0	0	0	0	0	16	0	0
SEATTLE COMM COL	150	0	0	0	0	0	0	150	0	0	0	0	0
UNIV OF PUGET SOUND	97	0	0	0	0	0	0	97	0	0	0	0	0
UNIV OF WASHINGTON	36,079	133	2,163	1,207	5,309	0	296	20,695	211	650	5,415	0	0
WALLA WALLA COL	40	0	0	0	0	0	0	0	0	0	40	0	0
WASHINGTON STATE UNIV	3,789	1,417	191	0	174	0	178	926	315	0	388	0	200
WESTERN WASH STATE COL	208	0	8	0	0	0	65	97	0	0	38	0	0
WEST VIRGINIA, TOTAL	3,918	1,192	0	24	18	571	336	826	442	90	290	129	0
WEST VIRGINIA INST TECH	571	0	0	0	0	571	0	0	0	0	0	0	0
WEST VIRGINIA UNIV	3,336	1,192	0	24	18	0	336	815	442	90	290	129	0
WEST VIRGINIA WESLEYN COL	11	0	0	0	0	0	0	11	0	0	0	0	0
WISCONSIN, TOTAL	40,552	1,958	3,018	245	1,499	7,361	515	17,781	325	2,849	4,436	0	585
BELOIT COL	41	0	0	0	0	0	0	41	0	0	0	0	0
INST OF PAPER CHEMISTRY	3	3	0	0	0	0	0	0	0	0	0	0	0
LAWRENCE UNIV	43	0	0	0	0	0	0	43	0	0	0	0	0
MARQUETTE UNIV	595	0	33	0	82	0	0	252	0	22	206	0	0
MEDICAL COLLEGE OF WISC	1,733	0	0	27	43	0	35	1,488	0	0	70	0	70
RIPON COL	10	0	0	0	0	0	0	0	0	0	10	0	0
STOUT STATE UNIV	154	0	0	0	0	0	0	154	0	0	0	0	0
UNIV OF WISC CEN SYS	22	0	0	0	21	0	0	1	0	0	0	0	0
UNIV OF WISC GREEN BAY	16	0	0	0	0	0	0	0	0	16	0	0	0
UNIV OF WISC PARKSIDE	19	0	19	0	0	0	0	0	0	0	0	0	0
UNIV OF WISCONSIN CTR	270	0	0	0	0	0	254	0	0	0	16	0	0
UNIV OF WISCONSIN MADISON	36,871	1,955	2,818	218	1,311	7,361	226	15,532	290	2,766	3,899	0	495
UNIV OF WISCONSIN MILWAUK	484	0	148	0	42	0	0	2	35	45	212	0	0
WAUSHARA COUNTY TCHRS COL	200	0	0	0	0	0	0	200	0	0	0	0	0
WISC ST UNIV STEVENS PNT	23	0	0	0	0	0	0	0	0	0	23	0	0
WISC STATE UNIV EAU CLAIR	40	0	0	0	0	0	0	40	0	0	0	0	0
WISC STATE UNIV LA CROSSE	15	0	0	0	0	0	0	15	0	0	0	0	0
WISC STATE UNIV OSHKOSH	10	0	0	0	0	0	0	10	0	0	0	0	0
WISC STATE UNIV RIVER FLL	3	0	0	0	0	0	0	3	0	0	0	0	0
WYOMING, TOTAL	2,035	627	22	21	77	0	109	164	801	75	339	0	0
UNIV OF WYOMING	2,035	627	22	21	77	0	109	164	801	75	339	0	0
PUERTO RICO, TOTAL	5,106	1,668	1,070	0	20	0	0	1,739	73	0	36	0	500
UNIV OF P R CEN SYS	1,070	0	1,070	0	0	0	0	0	0	0	0	0	0
UNIV OF P R MAYAGUEZ	640	0	0	0	20	0	0	11	73	0	36	0	500
UNIV OF P R RIO PIEDRAS	1,668	1,668	0	0	0	0	0	0	0	0	0	0	0
UNIV OF P R SAN JUAN	1,728	0	0	0	0	0	0	1,728	0	0	0	0	0
VIRGIN ISLANDS, TOTAL	312	0	0	58	0	0	0	0	0	254	0	0	0
COL OF VIRGIN ISLANDS	312	0	0	58	0	0	0	0	0	254	0	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

TABLE B-24

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	CED	EPA	HEW	INT	NASA	NSF	DOT	OTHER•
UNITED STATES, TOTAL	29,942	0	4,800	0	0	0	0	15,169	0	235	9,738	0	0
ARIZONA, TOTAL	28	0	0	0	0	0	0	0	0	0	28	0	0
UNIV OF ARIZONA	28	0	0	0	0	0	0	0	0	0	28	0	0
CALIFORNIA, TOTAL	6,267	0	848	0	0	0	0	413	0	0	5,006	0	0
UNIV OF CAL BERKELEY	37	0	0	0	0	0	0	0	0	0	37	0	0
UNIV OF CAL DAVIS	222	0	172	0	0	0	0	0	0	0	50	0	0
UNIV OF CAL LOS ANGELES	553	0	534	0	0	0	0	0	0	0	19	0	0
UNIV OF CAL SAN DIEGO	4,900	0	0	0	0	0	0	0	0	0	4,900	0	0
UNIV OF CAL SAN FRANCISCO	142	0	142	0	0	0	0	0	0	0	0	0	0
UNIV OF SOUTHERN CAL	413	0	0	0	0	0	0	413	0	0	0	0	0
COLORADO, TOTAL	74	0	35	0	0	0	0	0	0	0	39	0	0
COLORADO STATE UNIV	39	0	0	0	0	0	0	0	0	0	39	0	0
UNIV OF COLORADO	35	0	35	0	0	0	0	0	0	0	0	0	0
CONNECTICUT, TOTAL	258	0	208	0	0	0	0	0	0	0	50	0	0
YALE UNIV	258	0	208	0	0	0	0	0	0	0	50	0	0
FLORIDA, TOTAL	102	0	14	0	0	0	0	0	0	0	88	0	0
FLORIDA STATE UNIV	47	0	0	0	0	0	0	0	0	0	47	0	0
UNIV OF FLORIDA	41	0	0	0	0	0	0	0	0	0	41	0	0
UNIV OF MIAMI	14	0	14	0	0	0	0	0	0	0	0	0	0
HAWAII, TOTAL	28	0	3	0	0	0	0	0	0	0	25	0	0
UNIV OF HAWAII	28	0	3	0	0	0	0	0	0	0	25	0	0
ILLINOIS, TOTAL	664	0	436	0	0	0	0	0	0	0	228	0	0
ILLINOIS INST OF TECH	20	0	0	0	0	0	0	0	0	0	20	0	0
NORTHERN ILLINOIS UNIV	16	0	0	0	0	0	0	0	0	0	16	0	0
UNIV OF CHICAGO	202	0	157	0	0	0	0	0	0	0	45	0	0
UNIV OF ILLINOIS-URBANA	426	0	279	0	0	0	0	0	0	0	147	0	0
INDIANA, TOTAL	322	0	157	0	0	0	0	0	0	0	165	0	0
INDIANA UNIV-BLOOMINGTON	156	0	0	0	0	0	0	0	0	0	156	0	0
PURDUE UNIV	21	0	21	0	0	0	0	0	0	0	0	0	0
UNIV OF NOTRE DAME	145	0	136	0	0	0	0	0	0	0	9	0	0
IOWA, TOTAL	462	0	0	0	0	0	0	436	0	0	26	0	0
IOWA ST U OF SCIENCE&TECH	462	0	0	0	0	0	0	436	0	0	26	0	0
KANSAS, TOTAL	15	0	12	0	0	0	0	0	0	0	3	0	0
KANSAS STATE UNIV	12	0	12	0	0	0	0	0	0	0	0	0	0
UNIV OF KANSAS	3	0	0	0	0	0	0	0	0	0	3	0	0
LOUISIANA, TOTAL	4,958	0	0	0	0	0	0	4,958	0	0	0	0	0
LA ST U MED CT SHREVEPORT	4,958	0	0	0	0	0	0	4,958	0	0	0	0	0
MARYLAND, TOTAL	89	0	57	0	0	0	0	0	0	0	32	0	0
JOHNS HOPKINS UNIV	35	0	3	0	0	0	0	0	0	0	32	0	0
UNIV OF MD COLLEGE PARK	54	0	54	0	0	0	0	0	0	0	0	0	0
MASSACHUSETTS, TOTAL	1,801	0	1,254	0	0	0	0	397	0	0	150	0	0
CLARK UNIV	4	0	4	0	0	0	0	0	0	0	0	0	0
HARVARD UNIV	215	0	215	0	0	0	0	0	0	0	0	0	0
MASS INST OF TECH	1,050	0	1,035	0	0	0	0	0	0	0	15	0	0
TUFTS UNIV	397	0	0	0	0	0	0	397	0	0	0	0	0
UNIV OF MASS AMHERST	80	0	0	0	0	0	0	0	0	0	80	0	0
WILLIAMS COL	55	0	0	0	0	0	0	0	0	0	55	0	0

FLORIDA, TOTAL	102	0	14	0	0	0	0	0	0	0	88	0	0
FLORIDA STATE UNIV	47	0	0	0	0	0	0	0	0	0	47	0	0
UNIV OF FLORIDA	41	0	0	0	0	0	0	0	0	0	41	0	0
UNIV OF MIAMI	14	0	14	0	0	0	0	0	0	0	0	0	0
HAWAII, TOTAL	28	0	3	0	0	0	0	0	0	0	25	0	0
UNIV OF HAWAII	28	0	3	0	0	0	0	0	0	0	25	0	0
ILLINOIS, TOTAL	664	0	436	0	0	0	0	0	0	0	228	0	0
ILLINOIS INST OF TECH	20	0	0	0	0	0	0	0	0	0	20	0	0
NORTHERN ILLINOIS UNIV	16	0	0	0	0	0	0	0	0	0	16	0	0
UNIV OF CHICAGO	202	0	157	0	0	0	0	0	0	0	45	0	0
UNIV OF ILLINOIS-URBANA	426	0	279	0	0	0	0	0	0	0	147	0	0
INDIANA, TOTAL	322	0	157	0	0	0	0	0	0	0	165	0	0
INDIANA UNIV-BLOOMINGTON	156	0	0	0	0	0	0	0	0	0	156	0	0
PURDUE UNIV	21	0	21	0	0	0	0	0	0	0	0	0	0
UNIV OF NOTRE DAME	145	0	136	0	0	0	0	0	0	0	9	0	0
IOWA, TOTAL	462	0	0	0	0	0	0	436	0	0	26	0	0
IOWA ST U OF SCIENCE&TECH	462	0	0	0	0	0	0	436	0	0	26	0	0
KANSAS, TOTAL	15	0	12	0	0	0	0	0	0	0	3	0	0
KANSAS STATE UNIV	12	0	12	0	0	0	0	0	0	0	0	0	0
UNIV OF KANSAS	3	0	0	0	0	0	0	0	0	0	3	0	0
LOUISIANA, TOTAL	4,958	0	0	0	0	0	0	4,958	0	0	0	0	0
LA ST U MED CT SHREVEPORT	4,958	0	0	0	0	0	0	4,958	0	0	0	0	0
MARYLAND, TOTAL	89	0	57	0	0	0	0	0	0	0	32	0	0
JOHNS HOPKINS UNIV	35	0	3	0	0	0	0	0	0	0	32	0	0
UNIV OF MD COLLEGE PARK	54	0	54	0	0	0	0	0	0	0	0	0	0
MASSACHUSETTS, TOTAL	1,801	0	1,254	0	0	0	0	397	0	0	150	0	0
CLARK UNIV	4	0	4	0	0	0	0	0	0	0	0	0	0
HARVARD UNIV	215	0	215	0	0	0	0	0	0	0	0	0	0
MASS INST OF TECH	1,050	0	1,035	0	0	0	0	0	0	0	15	0	0
TUFTS UNIV	397	0	0	0	0	0	0	397	0	0	0	0	0
UNIV OF MASS AMHERST	80	0	0	0	0	0	0	0	0	0	80	0	0
WILLIAMS COL	55	0	0	0	0	0	0	0	0	0	55	0	0
MICHIGAN, TOTAL	388	0	168	0	0	0	0	0	0	0	220	0	0
MICHIGAN STATE UNIV	285	0	85	0	0	0	0	0	0	0	200	0	0
UNIV OF MICHIGAN	103	0	83	0	0	0	0	0	0	0	20	0	0
MINNESOTA, TOTAL	2,983	0	51	0	0	0	0	2,932	0	0	0	0	0
UNIV OF MINNESOTA	2,983	0	51	0	0	0	0	2,932	0	0	0	0	0

TABLE B-24
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
MISSOURI, TOTAL	1,375	0	0	0	0	0	0	1,375	0	0	0	0	0
ST LOUIS UNIV	535	0	0	0	0	0	0	535	0	0	0	0	0
UNIV OF MISSOURI COLUMBIA	840	0	0	0	0	0	0	840	0	0	0	0	0
MONTANA, TOTAL	16	0	0	0	0	0	0	0	0	0	16	0	0
UNIV OF MONTANA	16	0	0	0	0	0	0	0	0	0	16	0	0
NEBRASKA, TOTAL	854	0	0	0	0	0	0	854	0	0	0	0	0
CREIGHTON UNIV	540	0	0	0	0	0	0	540	0	0	0	0	0
U OF NEB MED CTR AT OMAHA	314	0	0	0	0	0	0	314	0	0	0	0	0
NEVADA, TOTAL	224	0	0	0	0	0	0	169	0	0	55	0	0
DESERT RESEARCH INSTITUTE	55	0	0	0	0	0	0	0	0	0	55	0	0
UNIV OF NEV RENO CAMPUS	169	0	0	0	0	0	0	169	0	0	0	0	0
NEW HAMPSHIRE, TOTAL	1,697	0	0	0	0	0	0	1,697	0	0	0	0	0
DARTMOUTH COL	1,697	0	0	0	0	0	0	1,697	0	0	0	0	0
NEW JERSEY, TOTAL	137	0	124	0	0	0	0	0	0	0	13	0	0
PRINCETON UNIV	116	0	116	0	0	0	0	0	0	0	0	0	0
RUTGERS UNIVERSITY	13	0	0	0	0	0	0	0	0	0	13	0	0
STEVENS INST OF TECH	8	0	8	0	0	0	0	0	0	0	0	0	0
NEW YORK, TOTAL	3,387	0	629	0	0	0	0	0	0	16	2,742	0	0
CLARKSON COL OF TECH	12	0	4	0	0	0	0	0	0	0	8	0	0
COLUMBIA UNIV	191	0	191	0	0	0	0	0	0	0	0	0	0
CORNELL UNIV	2,744	0	10	0	0	0	0	0	0	0	2,734	0	0
LONG ISLAND UNIVERSITY	16	0	0	0	0	0	0	0	0	16	0	0	0
NEW YORK UNIV	91	0	91	0	0	0	0	0	0	0	0	0	0
POLYTECHNIC INST OF BKLYN	5	0	5	0	0	0	0	0	0	0	0	0	0
RENSSELAER POLYTECH INST	65	0	65	0	0	0	0	0	0	0	0	0	0
SUNY ST U STONY BROOK	5	0	5	0	0	0	0	0	0	0	0	0	0
UNIV OF ROCHESTER	258	0	258	0	0	0	0	0	0	0	0	0	0
NORTH CAROLINA, TOTAL	299	0	48	0	0	0	0	0	0	0	251	0	0
DUKE UNIV	223	0	42	0	0	0	0	0	0	0	181	0	0
N C STATE UNIV AT RALEIGH	70	0	0	0	0	0	0	0	0	0	70	0	0
UNIV OF N C AT CHAP HILL	6	0	6	0	0	0	0	0	0	0	0	0	0
OHIO, TOTAL	103	0	88	0	0	0	0	0	0	0	15	0	0
CASE WESTERN RESERVE UNIV	15	0	0	0	0	0	0	0	0	0	15	0	0
OHIO UNIV	88	0	88	0	0	0	0	0	0	0	0	0	0
OKLAHOMA, TOTAL	12	0	0	0	0	0	0	0	0	0	12	0	0
UNIV OF OKLAHOMA	12	0	0	0	0	0	0	0	0	0	12	0	0
OREGON, TOTAL	10	0	6	0	0	0	0	0	0	0	4	0	0
OREGON STATE UNIV	4	0	0	0	0	0	0	0	0	0	4	0	0
UNIV OF OREGON - EUGENE	6	0	6	0	0	0	0	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	165	0	36	0	0	0	0	0	0	0	129	0	0
DREXEL UNIVERSITY	20	0	0	0	0	0	0	0	0	0	20	0	0
LEHIGH UNIV	20	0	0	0	0	0	0	0	0	0	20	0	0
PENNSYLVANIA STATE UNIV	25	0	4	0	0	0	0	0	0	0	21	0	0
UNIV OF PENNSYLVANIA	62	0	32	0	0	0	0	0	0	0	30	0	0
UNIV OF PITTSBURGH	38	0	0	0	0	0	0	0	0	0	38	0	0

NEW JERSEY, TOTAL	137	0	124	0	0	0	0	0	0	0	13	0	0
PRINCETON UNIV	116	0	116	0	0	0	0	0	0	0	0	0	0
RUTGERS UNIVERSITY	13	0	0	0	0	0	0	0	0	0	13	0	0
STEVENS INST OF TECH	8	0	8	0	0	0	0	0	0	0	0	0	0
NEW YORK, TOTAL	3,387	0	629	0	0	0	0	0	0	16	2,742	0	0
CLARKSON COL OF TECH	12	0	4	0	0	0	0	0	0	0	8	0	0
COLUMBIA UNIV	191	0	191	0	0	0	0	0	0	0	0	0	0
CORNELL UNIV	2,744	0	10	0	0	0	0	0	0	0	2,734	0	0
LONG ISLAND UNIVERSITY	16	0	0	0	0	0	0	0	0	16	0	0	0
NEW YORK UNIV	91	0	91	0	0	0	0	0	0	0	0	0	0
POLYTECHNIC INST OF BKLYN	5	0	5	0	0	0	0	0	0	0	0	0	0
RENSSELAER POLYTECH INST	65	0	65	0	0	0	0	0	0	0	0	0	0
SUNY ST U STONY BROOK	5	0	5	0	0	0	0	0	0	0	0	0	0
UNIV OF ROCHESTER	258	0	258	0	0	0	0	0	0	0	0	0	0
NORTH CAROLINA, TOTAL	299	0	48	0	0	0	0	0	0	0	251	0	0
DUKE UNIV	223	0	42	0	0	0	0	0	0	0	181	0	0
N C STATE UNIV AT RALEIGH	70	0	0	0	0	0	0	0	0	0	70	0	0
UNIV OF N C AT CHAP HILL	6	0	6	0	0	0	0	0	0	0	0	0	0
OHIO, TOTAL	103	0	88	0	0	0	0	0	0	0	15	0	0
CASE WESTERN RESERVE UNIV	15	0	0	0	0	0	0	0	0	0	15	0	0
OHIO UNIV	88	0	88	0	0	0	0	0	0	0	0	0	0
OKLAHOMA, TOTAL	12	0	0	0	0	0	0	0	0	0	12	0	0
UNIV OF OKLAHOMA	12	0	0	0	0	0	0	0	0	0	12	0	0
OREGON, TOTAL	10	0	6	0	0	0	0	0	0	0	4	0	0
OREGON STATE UNIV	4	0	0	0	0	0	0	0	0	0	4	0	0
UNIV OF OREGON - EUGENE	6	0	6	0	0	0	0	0	0	0	0	0	0
PENNSYLVANIA, TOTAL	165	0	36	0	0	0	0	0	0	0	129	0	0
DREXEL UNIVERSITY	20	0	0	0	0	0	0	0	0	0	20	0	0
LEHIGH UNIV	20	0	0	0	0	0	0	0	0	0	20	0	0
PENNSYLVANIA STATE UNIV	25	0	4	0	0	0	0	0	0	0	21	0	0
UNIV OF PENNSYLVANIA	62	0	32	0	0	0	0	0	0	0	30	0	0
UNIV OF PITTSBURGH	38	0	0	0	0	0	0	0	0	0	38	0	0
RHODE ISLAND, TOTAL	72	0	0	0	0	0	0	0	0	0	72	0	0
UNIV OF RHODE ISLAND	72	0	0	0	0	0	0	0	0	0	72	0	0
TENNESSEE, TOTAL	89	0	76	0	0	0	0	0	0	0	13	0	0
UNIV OF TENN AT KNOXVILLE	89	0	76	0	0	0	0	0	0	0	13	0	0
TEXAS, TOTAL	2,341	0	144	0	0	0	0	1,938	0	219	40	0	0
RICE UNIV	5	0	5	0	0	0	0	0	0	0	0	0	0
TEXAS A & M UNIV	145	0	135	0	0	0	0	0	0	10	0	0	0
TEXAS TECH UNIVERSITY	20	0	0	0	0	0	0	0	0	0	20	0	0
U TEX SW MED SCH DALLAS	1,938	0	0	0	0	0	0	1,938	0	0	0	0	0
UNIV OF HOUSTON	4	0	4	0	0	0	0	0	0	0	0	0	0

TABLE B-24
CONTINUED

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES FOR R&D PLANT, BY STATE, INSTITUTION, AND AGENCY, FY 1971
(DOLLARS IN THOUSANDS)

STATE AND INSTITUTION	TOTAL	USDA	AEC	COM	DOD	OEO	EPA	HEW	INT	NASA	NSF	DOT	OTHER*
TEXAS													
UNIV OF TEXAS AT AUSTIN	20	0	0	0	0	0	0	0	0	0	20	0	0
UNIV OF TEXAS AT DALLAS	209	0	0	0	0	0	0	0	0	209	0	0	0
UTAH, TOTAL	261	0	169	0	0	0	0	0	0	0	92	0	0
BRIGHAM YOUNG UNIV	9	0	0	0	0	0	0	0	0	0	9	0	0
UNIV OF UTAH	252	0	169	0	0	0	0	0	0	0	83	0	0
VIRGINIA, TOTAL	14	0	2	0	0	0	0	0	0	0	12	0	0
ROANOKE COL	2	0	2	0	0	0	0	0	0	0	0	0	0
UNIV OF VIRGINIA	12	0	0	0	0	0	0	0	0	0	12	0	0
WASHINGTON, TOTAL	172	0	56	0	0	0	0	0	0	0	116	0	0
UNIV OF WASHINGTON	127	0	56	0	0	0	0	0	0	0	71	0	0
WASHINGTON STATE UNIV	45	0	0	0	0	0	0	0	0	0	45	0	0
WEST VIRGINIA, TOTAL	46	0	0	0	0	0	0	0	0	0	46	0	0
WEST VIRGINIA UNIV	46	0	0	0	0	0	0	0	0	0	46	0	0
WISCONSIN, TOTAL	136	0	86	0	0	0	0	0	0	0	50	0	0
UNIV OF WISCONSIN MADISON	136	0	86	0	0	0	0	0	0	0	50	0	0
PUERTO RICO, TOTAL	93	0	93	0	0	0	0	0	0	0	0	0	0
UNIV OF P R CEN SYS	93	0	93	0	0	0	0	0	0	0	0	0	0

* INCLUDES AID, HUD, AND LABOR

SOURCE: NATIONAL SCIENCE FOUNDATION (CASE)

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Other Science Resources Publications

Title	*NSF No.*	*Price*
Science Resources Studies Highlights, "Company Funds Push Total Industrial R&D Spending to $18 Billion in 1971"	72-318	-----
An Analysis of Federal R&D Funding, by Function, 1960-73	72-313	$2.50
Scientists, Engineers, and Physicians From Abroad, Trends Through Fiscal Year 1970	72-312	$1.00
Science Resources Studies Highlights, "Changes in Graduate Programs in Science and Engineering, 1970-72 and 1972-74"	72-311	-----
A Price Index for Deflation of Academic R&D Expenditures	72-310	$0.25
Unemployment Rates and Employment Characteristics for Scientists and Engineers, 1971	72-307	$1.75
Science Resources Studies Highlights, "Total Scientific and Technical Personnel in Industry Remains Level, R&D Personnel Lower in 1970"	72-306	-----
Scientific Human Resources: Profiles and Issues	72-304	$0.25
Papers and Proceedings of a Colloquium on Research and Development and Economic Growth/Productivity	72-303	$0.75
Federal Funds for Academic Science, Fiscal Year 1970	72-301	$0.70
National Patterns of R&D Resources. Funds and Manpower in the United States, 1953-72	72-300	$0.50
Science Resources Studies Highlights, "Federal Scientific, Technical and Health Personnel in 1970"	71-47	-----
American Science Manpower, 1970	71-45	$2.00
Science Resources Studies Highlights, "Undergraduate Enrollments in Science and Engineering"	71-42	-----
Science Resources Studies Highlights, "Enrollment Increase in Science and Mathematics in Public Secondary Schools, 1948-49 to 1969-70"	71-30	-----
1969 & 1980 Science & Engineering Doctorate Supply & Utilization	71-20	$0.50
Reviews of Data on Science Resources, No. 20, "Trends in Graduate Science and Engineering, 1960-70"	71-15	$0.15
Science Resources Studies Highlights, "Secondary School Science Teachers (Experience and Employment)"	71-12	-----